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REGISTER

OF THE

COMMISSIONED AND WARRANT OFFICERS

OF THE

NAVY OF THE UNITED STATES

AND OF THE

MARINE CORPS

TO

JANUARY 1, 1899.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1899.

NOTES.

1. Errors or omissions should be immediately reported to the Bureau of Navigation by the officer concerned.

2. The signal numbers herein shown are to be used as indicated in the Introduction to the Signal Books.

NAVY DEPARTMENT.

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Honorable JOHN D. LONG.

Honorable CHARLES H. ALLEN ..... *Assistant Secretary of the Navy.*

Benjamin F. Peters ..... Chief Clerk.
Lewis H. Finney, jr ..... Private Secretary.

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William M. Smith ..... Chief Clerk.

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Augustus C. Wrenn ..... Chief Clerk.

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Captain FRANCIS W. DICKINS, U. S. N ..... Assistant to the Bureau.
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Lieutenant THEODORE C. FENTON ..... Assistant to the Bureau.
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Charles T. Earle ..... Chief Clerk.

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Captain † SAMUEL C. LEMLY, U. S. N. ..... Judge-Advocate-General.
Edwin P. Hanna ..... Chief Clerk.

* With the relative rank of Commodore while holding said office.
† Rank while holding said office.

REAR-ADMIRALS, ACTIVE LIST (7).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
	1	George Dewey	Com'd'g Asiatic Station	3 Jan. 98	Mar. 88	0	8	16	6	23	6	4	3
	2	Frederick V. McNair	Supt. Naval Academy	15 July 98	Jan. 98	0	0	20	9	21	3	3	4
	3	John A. Howell	Prest. Ex. and Ret. Boards	1 Nov. 98	Oct. 98	0	2	16	10	25	11	1	6
	4	William T. Sampson	Com'd'g North Atlantic Station	16 June 97	June 92	0	5	14	1	26	0	1	2
5	5	Winfield S. Schley	Waiting orders	20 Nov. 98	Nov. 98	0	3	16	10	24	7	0	10
	6	Henry L. Howison	Com'd't Navy-yard, Boston	5 May 97	Mar. 97	0	0	14	10	28	5	1	0
	7	Albert Kautz *	Com'd'g Pacific Station	15 Oct. 98	Apr. 92	0	3	15	5	22	6	6	5

COMMODORES, ACTIVE LIST (10).

	8	George C. Remey	Com'd't Navy-yard, Portsmouth	29 Aug. 98	Aug. 98	0	4	17	2	21	5	4	8
	9	Norman H. Farquhar	Com'd't Navy-Yard, Norfolk	1 June 97	Dec. 96	0	0	16	7	25	10	1	10
	10	John C. Watson	Com'd't Navy-y'd, Mare Island	8 Oct. 98	Sept. 98	0	5	16	10	21	2	4	3
	11	John W. Philip	Ordered to Com'd Navy-y'd, N. Y.	23 Dec. 98	Dec. 98	0	5	21	0	16	3	†5	0
5	12	Henry B. Robeson	Waiting orders	10 Mar. 98	May 91	0	0	16	1	21	5	4	9
	13	Silas Casey	Com'd't Navy-yard, League I'd	13 Jan. 98	Dec. 97	0	0	16	8	22	6	3	1
	14	Bartlett J. Cromwell	Com'd't Naval Station, Havana	19 Dec. 98	Sept. 95	0	0	15	9	22	4	3	2
	15	Francis J. Higginson	Chairman Light-House Board	26 Sept. 98	Sept. 98	0	1	19	8	16	5	5	2
	16	Henry F. Picking	Waiting orders	3 Dec. 98	Feb. 94	0	0	16	1	22	3	1	11
10	17	Frederick Rodgers *	Prest. B'd Insp. and Survey	5 Oct. 98	Oct. 98	0	0	19	2	18	10	3	4

* Subject to confirmation by Senate.
† Includes 2 years in command of mail steamer.

REAR-ADMIRALS; ACTIVE LIST (7).

Number in grade.	Appointed from—	Entry and promotions.								
		Date of entry.	Passed Midshipman.	Master.	Lieutenant.	Lieut. Com'der.	Commander.	Captain.	Commodore.	Rear-Admiral.
	Vt	23 Sept. 54	19 Jan. 61	23 Feb. 61	19 Apr. 61	3 Mar. 65	13 Apr. 72	27 Sept. 84	28 Feb. 96	11 May 98
	Pa	21 Sept. 53	25 June 60	24 Oct. 60	18 Apr. 61	20 Apr. 64	29 Jan. 72	30 Oct. 83	10 May 95	3 July 98
	N. Y	27 Sept. 54	19 Jan. 61	23 Feb. 61	....do	3 Mar. 65	6 Mar. 72	1 Mar. 84	21 May 95	10 Aug. 98
	N. Y	24 Sept. 57	.....	.....	16 July 62	25 July 66	9 Aug. 74	26 Mar. 89	3 July 98	10 Aug. 98
5	Md	20 Sept. 56	.....	31 Aug. 61	16 July 62	25 July 66	10 June 74	31 Mar. 88	6 Feb. 98	10 Aug. 98
	Ind	26 Sept. 54	19 Jan. 61	23 Feb. 61	19 Apr. 61	3 Mar. 65	19 Aug. 72	2 Mar. 85	21 Mar. 97	22 Nov. 98
	Ohio	28 Sept. 54	....do	....do	21 Apr. 61	31 May 65	3 Sept. 72	2 June 85	6 Apr. 97	25 Dec. 98

COMMODORES, ACTIVE LIST (10).

	Iowa	20 Sept. 55	.....	.....	31 Aug. 61	25 June 65	25 Nov. 72	30 Oct. 85	19 June 97	.....
	Pa	27 Sept. 54	.....	.....	....do	5 Aug. 65	12 Dec. 72	4 Mar. 86	21 July 97	.....
	Ky	29 Sept. 56	.....	31 Aug. 61	16 July 62	25 July 66	23 Jan. 74	6 Mar. 87	7 Nov. 97	.....
	N. Y	20 Sept. 56	.....	.....	....do	....do	18 Dec. 74	31 Mar. 89	10 Aug. 98	.....
5	Conn	25 Sept. 56	.....	31 Aug. 61	....do	....do	12 Feb. 74	25 Aug. 87	1 Feb. 98	.....
	N. Y	25 Sept. 56	.....	....do	....do	....do	14 June 74	12 Feb. 89	11 May 98	.....
	Nebr	21 Sept. 57	.....	.....	....do	....do	24 Oct. 74	26 Mar. 89	10 Aug. 98	.....
	Mass	21 Sept. 57	.....	.....	1 Aug. 62	....do	10 June 76	27 Sept. 91	....do	.....
	Pa	28 Sept. 57	.....	.....	16 July 62	....do	25 Jan. 75	4 Aug. 89	22 Nov. 98	.....
10	Md	25 Sept. 57	.....	.....	....do	....do	4 Feb. 75	28 Feb. 90	25 Dec. 98	.....

CAPTAINS, ACTIVE LIST (45).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
	18	Louis Kempff	Com'd'g R. S. Independence	17 Oct. 96	Feb. 95	2	0	15	10	22	6	2	11
	19	George W. Sumner	Captain, Navy-yard, New York	20 July 97	June 97	2	11	17	9	19	2	3	4
	20	Benjamin F. Day	Member Examining Board	11 Jan. 97	Feb. 96	2	4	17	8	15	1	7	6
	21	Alex. H. McCormick	Com'd't Navy-yard, Washington	17 Oct. 98	Mar. 98	2	3	15	1	22	3	1	11
5	22	Albert S. Barker	Commanding Oregon	21 May 98	Jan. 98	3	6	19	9	15	4	4	1
	23	Charles S. Cotton	Captain, Navy-yard, Mare Island	3 Oct. 98	Sept. 98	3	5	17	7	19	10	2	10
	24	Robley D. Evans	Member Board Insp'n and Survey	5 Oct. 98	Sept. 98	2	9	16	0	18	6	3	9
	25	Silas W. Terry	Commanding Iowa	24 Sept. 98	May 95	2	4	15	6	21	3	3	6
	26	Merrill Miller	Com'd'g Rec'g-ship Vermont	16 Mar. 97	Jan. 97	2	9	15	2	19	8	4	3
10	27	John J. Read	Com'd'g Rec'g-ship Richmond	16 Apr. 98	July 97	2	6	21	11	13	8	4	8
	28	Henry C. Taylor	Commanding Indiana	4 Jan. 97	May 91	2	0	16	9	15	11	5	7
	29	Mortimer L. Johnson	Captain, Navy-yard, Boston	18 Oct. 98	Oct. 98	2	9	17	10	14	3	7	0
	30	Edwin M. Shepard	Light-House Inspr., 3d Dist	18 Apr. 98	July 97	2	8	20	5	15	10	2	11
	31	Frank Wildes	Waiting orders	24 Dec. 98	Nov. 98	3	0	17	1	16	9	4	5
15	32	Henry Glass	Returning from Charleston	— Dec. 98	Dec. 98	2	10	17	7	15	7	5	2
	33	Philip H. Cooper	Commanding Chicago	1 Dec. 98	Nov. 94	0	5	12	9	17	9	7	9
	34	George H. Wadleigh	Commanding Rec'g-ship Wabash	2 Dec. 98	Oct. 98	2	9	17	5	17	7	3	3
	35	A. S. Crowninshield *	Chief of Bureau of Navigation	8 Apr. 97	Apr. 97	1	7	17	11	16	11	3	5
	36	James H. Sands	Governor Naval Home	30 Aug. 98	Aug. 98	3	0	16	6	15	4	7	4
20	37	Yates Stirling	Member Light-House Board	31 Mar. 98	Dec. 97	2	7	14	8	14	11	8	8
	38	Francis A. Cook	Commanding Brooklyn	1 Dec. 96	Oct. 89	2	1	16	8	20	4	1	3
	39	Charles E. Clark	Waiting orders	1 Nov. 98	Aug. 98	1	10	16	4	19	0	2	11
	40	William C. Wise	Com'd'g Rec'g-ship Franklin	10 Sept. 98	Sept. 98	2	10	18	3	16	5	3	7
	41	Joseph B. Coghlan	Commanding Raleigh	28 Mar. 97	Feb. 90	1	9	15	5	14	10	8	0
25	42	Purnell F. Harrington	Captain, Navy-yard, Portsmouth	3 Nov. 98	June 98	2	2	17	2	16	11	3	2
	43	Nicoll Ludlow	Commanding Massachusetts	8 July 97	Sept. 96	2	1	18	9	14	5	6	0
	44	Charles D. Sigsbee	Commanding Texas	10 Apr. 97	May 93	1	8	18	2	20	7	0	6
	45	Nehemiah M. Dyer	Commanding Baltimore	31 Aug. 97	May 90	1	4	a15	10	a17	8	3	3
	46	Colby M. Chester	Commanding Cincinnati	31 May 97	Mar. 97	1	11	19	1	18	6	1	6
30	47	Charles J. Barclay	Commanding Amphitrite	6 Jan. 97	May 94	2	0	17	6	13	6	7	3
	48	French E. Chadwick	Commanding New York	4 Dec. 97	July 91	1	1	13	8	21	4	2	3
	49	Benj. P. Lamberton	Commanding Olympia	22 Apr. 98	Nov. 91	0	8	15	5	18	11	2	11
	50	Richard P. Leary	Insp. duty under Bu. Equipment	11 Nov. 98	Oct. 98	1	0	14	0	13	4	10	10
	51	William H. Whiting	Commanding Charleston	22 June 97	Oct. 93	1	6	17	4	15	9	5	3
35	52	Charles O'Neil *	Chief of Bureau of Ordnance	1 June 97	Mar. 96	0	0	a16	5	a18	3	2	1
	53	Caspar F. Goodrich	Commanding Newark	24 Apr. 98	Dec. 94	0	8	16	3	16	5	4	4
	54	Bowman H. McCalla	Captain, Navy-yard, Norfolk	26 Oct. 98	Oct. 98	0	2	15	7	16	2	5	4
	55	Theodore F. Jewell	Commanding Minneapolis †	15 Mar. 98	Mar. 97	0	10	14	11	21	1	1	1
	56	William M. Folger	Commanding New Orleans	18 Apr. 98	Oct. 95	0	8	15	0	18	0	4	3
40	57	John Schouler	Bureau of Navigation	12 May 97	May 97	0	0	14	3	18	4	4	8
	58	Francis W. Dickins	Asst. to Bureau of Navigation	17 Dec. 96	July 94	0	0	15	2	13	11	8	2
	59	George F. F. Wilde	Commanding Boston	10 Mar. 98	Oct. 89	0	5	14	1	19	4	3	8
	60	Charles H. Davis	Supt. Naval Observatory	1 Nov. 98	Sept. 98	0	2	15	11	19	6	1	8
	61	Charles J. Train	Commanding Puritan	19 Apr. 98	Mar. 94	0	1	15	8	20	3	1	2
45	62	Edwin White ‡	Commanding Philadelphia	22 Sept. 98	June 93	0	0	16	8	16	5	4	0

* With relative rank of Commodore.
† Also in charge of vessels in reserve.
‡ Subject to confirmation by Senate.
a Includes service in Volunteer Navy.

CAPTAINS, ACTIVE LIST (45).

Number in grade.	Appointed from—	Entry and promotions.							
		Date of entry.	Acting Ensign. (a)	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
	Illinois	25 Sept. 57				1 Aug. 62	25 July 66	9 Mar. 76	19 May 91
	Kentucky	20 Sept. 58				do	do	13 June 76	2 Oct. 91
	Ohio	do				do	do	8 Aug. 76	5 Nov. 91
	Texas	21 Sept. 59		22 Dec. 62		22 Feb. 64	do	30 Sept. 76	3 Apr. 92
5	Massachusetts	25 Oct. 59		25 Nov. 62		do	do	28 Mar. 77	5 May 92
	Wisconsin	23 Sept. 58		11 Nov. 62		do	do	25 Apr. 77	28 May 92
	Utah	20 Sept. 60	1 Oct. 63		10 May 66	25 July 66	12 Mar. 68	12 July 78	27 June 93
	Kentucky	28 Sept. 58		16 Sept. 62		22 Feb. 64	25 July 66	11 July 77	9 Jan. 93
	Ohio	28 Nov. 59		13 Oct. 62		do	do	25 Nov. 77	25 Feb. 93
10	New Jersey	21 Sept. 58		25 Nov. 62		do	do	11 Dec. 77	27 Apr. 93
	Ohio	20 Sept. 60		28 May 63	10 Nov. 65	10 Nov. 66	12 Mar. 68	16 Dec. 79	16 Apr. 94
	Massachusetts	29 Nov. 59		16 Sept. 62		22 Feb. 64	25 July 66	26 Apr. 78	9 May 93
	New York	25 Nov. 59		25 Nov. 62		do	do	9 May 78	15 May 93
	Massachusetts	21 Sept. 60		28 May 63	10 Nov. 65	10 Nov. 66	12 Mar. 68	1 Apr. 80	31 July 94
15	Illinois	24 Sept. 60		do	do	do	do	27 Oct. 79	23 Jan. 94
	New York	28 Sept. 60		do	do	do	do	1 Nov. 79	11 Apr. 94
	New Hampshire	27 Sept. 60		do	do	do	do	13 Mar. 80	10 July 94
	New York	21 Sept. 60		do	do	do	do	25 Mar. 80	21 July 94
	Maryland	25 Nov. 59		do	do	do	do	23 Nov. 80	7 Sept. 94
20	Maryland	27 Sept. 60		do	do	do	do	26 Nov. 80	16 Sept. 94
	Massachusetts	20 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	do	12 Oct. 81	28 Feb. 96
	Vermont	29 Sept. 60	do		do	do	do	15 Nov. 81	21 June 96
	Kentucky	29 Sept. 60	do		do	do	do	24 Feb. 81	11 Nov. 94
	Illinois	27 Sept. 60	28 May 63		10 Nov. 65	10 Nov. 66	do	4 Feb. 82	18 Nov. 96
25	Delaware	20 Sept. 61	1 Oct. 63		10 May 66	21 Feb. 67	do	28 May 81	1 Mar. 95
	New York	28 Oct. 59	do		do	do	do	1 Oct 81	21 May 95
	New York	27 Sept. 59	do		do	do	do	11 May 82	21 Mar. 97
	Massachusetts	b 4 Apr. 62	20 May 63			12 Mar. 68	18 Dec. 68	23 Apr. 83	13 July 97
	Connecticut	31 Oct. 59	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	15 Oct. 81	12 June 96
30	Pennsylvania	21 Sept. 60	do		do	do	do	25 Nov. 81	1 Oct. 96
	West Virginia	28 Sept. 61		1 Nov. 66	1 Dec. 66	12 Mar. 68	26 Mar. 69	12 Dec. 84	7 Nov. 97
	Pennsylvania	21 Sept. 61		do	do	do	27 Apr. 69	2 June 85	11 May 98
	Maryland	20 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	2 June 82	6 Apr. 97
	Wisconsin	21 Sept. 60	do		do	do	do	2 July 82	19 June 97
35	Massachusetts	c 1 Apr. 62				12 Mar. 68	18 Dec. 68	28 July 84	21 July 97
	Connecticut	10 Dec. 61		1 Nov. 66	1 Dec. 66	do	26 Mar. 69	27 Sept. 84	16 Sept. 97
	New Jersey	30 Nov. 61		do	do	do	26 Mar. 69	3 Nov. 84	10 Aug. 98
	Virginia	29 Nov. 61		do	do	do	26 Mar. 69	26 Jan. 85	1 Feb. 98
	Ohio	21 Sept. 61		do	do	do	27 Apr. 69	1 Mar. 85	6 Feb. 98
40	Massachusetts	25 Sept. 61		do	do	do	3 June 69	8 June 85	5 June 98
	Connecticut	20 Sept. 61		do	do	do	12 June 69	23 Sept. 85	3 July 98
	Massachusetts	30 Nov. 61		do	do	do	26 June 69	2 Oct. 85	10 Aug. 98
	Massachusetts	29 Nov. 61		do	do	do	30 June 69	30 Oct. 85	do
	Massachusetts	28 Nov. 61		do	do	do	30 June 69	17 Jan. 86	22 Nov. 98
45	Ohio	29 Nov. 61		do	do	do	15 Sept. 69	4 Mar. 86	25 Dec. 98

a Designation "Acting" discontinued December 21, 1865.
b Acting Ensign 20 May, 1863; Acting Master 12 January, 1864; Acting Volunteer Lieutenant 22 April, 1865.
c Acting Master 1 May, 1862; Acting Volunteer Lieutenant 30 May, 1865.

COMMANDERS, ACTIVE LIST (85).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
	63	George W. Pigman	Insp. Ord., Newport News	29 Apr. 97	Jan. 97	3	1	14	10	17	9	4	8
	64	John McGowan	Com. Tr. Ship and Sta., Newport	15 Dec. 96	Oct. 95	4	8	a18	2	a16	8	3	0
	65	James G. Green	Com'd't Puget Sound Nav. Sta	19 June 97	May 97	2	4	a18	8	a14	3	4	8
	66	Charles H. Rockwell	Com'd't Nav'l Sta., P't Royal	20 July 94	Aug. 91	2	6	a15	0	a15	3	6	3
5	67	James M. Forsyth	Treatment, Hosp., Philadelphia	6 Oct. 98	Mar. 92	2	5	a17	8	a16	6	3	1
	68	George A. Converse	Commanding Montgomery	23 July 97	July 91	2	6	11	5	20	8	5	0
	69	Royal B. Bradford *	Chief Bureau of Equipment	18 Dec. 97	July 97	3	2	15	9	19	5	1	11
	70	Joseph E. Craig	Hydrographer, Bu. Equipment	19 Apr. 97	May 96	1	8	15	8	18	10	2	7
	71	Charles M. Thomas	Light-House Insp., 5th dist	12 Aug. 98	July 95	2	0	17	5	17	11	1	10
10	72	Albert S. Snow	Comd't Nav. Sta., San Juan	5 Nov. 98	Oct. 98	2	7	18	5	14	3	4	4
	73	George C. Reiter	Light-House Insp., 13th dist	4 Oct. 98	Oct. 98	3	8	17	3	14	6	5	7
	74	Willard H. Brownson	Leave of absence	5 Oct. 98	Sept. 98	2	10	17	6	16	7	3	0
	75	Henry E. Nichols	Ordered to Monadnock	5 Dec. 98	July 98	2	1	18	4	16	9	2	2
	76	William W. Mead	Commanding Marblehead	27 June 98	Apr. 93	1	8	16	6	16	11	3	7
15	77	Edwin S. Houston	Capt. Navy-yard, League Island	3 Jan. 97	Oct. 96	2	1	17	4	14	10	4	7
	78	Edwin Longnecker	Ord. Off. Navy-yard. League I'd	28 Aug. 95	Dec. 94	2	1	16	4	15	10	5	1
	79	George E. Ide	Commanding Yosemite	20 Dec. 98	June 95	0	11	15	5	13	2	8	8
	80	George M. Book	Commanding Tr. Ship Adams	8 May 97	Oct. 93	2	1	13	8	13	11	9	6
	81	Thomas Perry	Commanding Lancaster	5 May 98	Dec. 96	2	9	18	4	14	10	4	0
20	82	Charles H. Stockton	President Naval War College	27 Dec. 97	Dec. 97	2	2	18	11	16	7	1	8
	83	Asa Walker	Commanding Concord	22 May 97	July 93	1	7	16	0	17	9	2	5
	84	Oscar W. Farenholt	Returning from Monocacy	— Dec. 98	Dec. 98	2	2	a16	2	a16	5	1	10
	85	Edward T. Strong	Navy-yard, Portsmouth	3 May 98	Mar. 98	3	11	a18	10	a13	8	3	8
	86	Robert E. Impey	Ord. Off., Norfolk yard	5 Oct. 98	Oct. 98	2	7	18	5	10	3	8	7
25	87	Eugene W. Watson	Commanding Scindia	30 Apr. 98	Jan. 97	2	9	a17	7	a15	10	1	10
	88	John F. Merry	Commanding Arethusa	30 Apr. 97	Oct. 89	2	5	a18	5	a13	5	4	5
	89	William C. Gibson	Navy-yard, New York	5 Oct. 98	Sept. 98	2	0	a21	2	a13	1	1	9
	90	Washburn Maynard	Commanding Nashville	19 Aug. 97	Jan. 93	1	4	13	11	21	5	0	11
	91	Henry W. Lyon	Commanding Dolphin	24 Mar. 98	Nov. 97	1	6	16	9	17	6	2	0
30	92	James H. Dayton	Commanding Detroit	10 July 97	Mar. 94	1	7	17	6	16	5	2	4
	93	Morris R. S. Mackenzie	Commanding Mayflower	24 Mar. 98	Mar. 97	1	3	15	11	15	9	4	6
	94	Charles S. Sperry	Commanding Yorktown	21 Nov. 98	May 93	0	1	16	8	18	1	1	6
	95	Frank Courtis	Commanding Tr. Ship Essex	24 Aug. 98	Aug. 94	0	4	17	9	15	10	2	8
	96	William W. Reisinger	Com'd't Navy-yard, Pensacola	1 June 97	Sept. 96	0	10	16	0	18	0	2	8
35	97	William T. Burwell	Commanding Wheeling	31 May 98	Apr. 96	1	0	18	10	15	10	1	7
	98	John J. Hunker †	Commanding Tr. Ship Annapolis	20 July 97	Jan. 93	1	5	20	7	11	8	4	6
	99	Franklin Hanford	Light-House Inspr., 10th Dist	5 Jan. 98	Aug. 97	2	1	18	8	15	8	3	8
	100	Robert M. Berry	Commanding Castine	8 Dec. 96	Nov. 88	2	1	22	0	11	6	3	5
	101	Samuel W. Very	Waiting orders	1 Jan. 99	Dec. 98	0	9	16	0	17	6	2	5
40	102	Henry N. Manney	Naval Home, Philadelphia	1 Feb. 98	Jan. 98	2	3	19	1	12	2	6	0
	103	Chapman C. Todd	Commanding Wilmington	10 May 97	Aug. 91	1	8	16	7	14	11	5	9
	104	Joseph N. Hemphill	Commanding Buffalo	22 Sept. 98	Oct. 94	0	3	16	7	16	3	3	5
	105	Abraham B. H. Lillie	Commanding Tr. Ship Vicksburg	23 Oct. 97	May 93	1	2	18	7	15	6	2	1
	106	William T. Swinburne	Commanding Helena	7 July 97	Apr. 93	1	6	21	4	10	10	4	2
45	107	William H. Emory	Member Board Insp. and Survey	5 Oct. 98	Sept. 98	1	1	18	5	12	9	5	1
	108	George A. Bicknell	Commanding Monocacy	16 Apr. 98	Jan. 96	0	7	18	4	13	9	5	0
	109	Charles T. Hutchins	Naval Academy	25 Aug. 98	June 95	1	2	20	9	14	3	2	0
	110	Seth M. Ackley	Sec'y Light-House Board	7 Mar. 98	Oct. 95	0	0	19	5	13	2	3	8
	111	Benjamin F. Tilley	Navy-yard, Norfolk	3 Oct. 98	Sept. 98	0	11	16	8	16	7	2	1
50	112	Harry Knox	Naval Academy	1 Sept. 96	Aug. 96	0	0	15	7	18	9	1	6
	113	Clifford H. West	Commanding Princeton	1 May 97	May 93	1	6	16	4	17	2	1	9
	114	John P. Merrell	Equip. Off. Navy-yard, New York	19 Nov. 98	Oct. 98	0	5	14	9	19	3	1	5
	115	Joseph G. Eaton	Commanding Resolute	22 Apr. 98	June 93	1	0	17	1	15	6	2	8
	116	Edward P. Wood	Returning from Petrel	— Dec. 98	Dec. 98	1	6	18	5	15	9	1	1
55	117	William I. Moore	Commanding Abarenda	21 May 98	Mar. 95	0	7	17	0	15	2	4	6
	118	Charles Belknap †	Commanding Nero	15 June 98	Jan. 97	0	8	14	11	18	2	1	4
	119	Fernando P. Gilmore	Com'd't Nav. Sta., Key West	5 Oct. 98	...do	0	1	18	1	13	8	4	2
	120	Eugene H. C. Leutze	Commanding Monterey	7 Jan. 98	Nov. 92	1	0	19	1	13	10	2	11
	121	Uriel Sebree	Light-House Insp., 12th dist	10 Nov. 98	Nov. 98	1	8	18	7	14	0	2	10
60	122	Albert R Couden	Insp. of Ord., Proving Ground	12 Nov. 96	Oct. 96	0	0	14	7	19	4	1	4
	123	Edwin C. Pendleton	Superintendent Gun Factory	31 May 97	Sept. 95	0	0	15	5	19	3	0	7
	124	William Swift	Ord. Off., Navy-yard, New York	20 July 97	Feb. 97	0	0	15	3	14	7	5	5
	125	Henry B. Mansfield	Navy-yard, New York	6 Sept. 98	Sept. 98	0	3	22	9	11	4	1	9
	126	Frederick M. Symonds	Commanding Marietta	9 Oct. 96	Nov. 92	1	6	20	8	10	7	5	0
65	127	Walton Goodwin	Commanding Southery	20 May 98	June 94	0	7	18	0	15	7	2	3
	128	Albert Ross	Commanding T. S. Alliance	4 Jan. 98	Sept. 92	1	0	13	8	15	2	6	6

a Includes service in Volunteer Navy (civil war).
* With relative rank of Commodore.
† Five months and fifteen days in the Volunteer Army.

COMMANDERS, ACTIVE LIST (85).

Number in grade.	Appointed from—	Entry and promotions.								
		Date of entry.	Acting Masters' Mate.	Acting Ensign. (a)	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
	Indiana	28 Sept. 61			1 Nov. 66		1 Dec. 66	12 Mar. 68	28 Oct. 69	7 Oct. 86
	New Jersey		8 Mar. 62			8 May 62	12 Mar. 68	18 Dec. 68	22 Apr. 70	29 Jan. 87
	Massachusetts		11 May 61	27 Nov. 62		11 Aug. 64	do	do	3 July 70	6 Mar. 87
	Massachusetts					b 5 July 62	do	do	26 Feb. 78	31 Oct. 88
5	Pennsylvania		25 Sept. 61	5 Sept. 62		26 Aug. 64	do	do	9 May 78	12 Feb. 89
	Vermont	29 Nov. 61			1 Dec. 66		do	26 Mar. 69	12 July 78	23 Mar. 89
	Maine	28 Nov. 61			do		do	do	30 Nov. 78	26 Mar. 89
	New York	29 Nov. 61			do		do	do	13 Mar. 80	3 Jan. 90
	Pennsylvania	28 Nov. 61			do		do	do	1 Apr. 80	28 Feb. 90
10	Maine	30 Nov. 61			do		do	do	11 July 80	do
	Pennsylvania	20 Sept. 61			do		do	do	23 Nov. 80	31 July 90
	New York	29 Nov. 61			do		do	do	14 Dec. 80	19 May 91
	New York	1 Oct. 61			do		do	do	1 Jan. 81	25 June 91
	Kentucky	30 Dec. 61			do		do	do	12 Mar. 81	2 Aug. 91
15	Pennsylvania	18 Apr. 62			do		do	do	29 Mar. 81	27 Sept. 91
	Pennsylvania	24 Sept. 61			do		do	do	30 Aug. 81	2 Oct. 91
	Ohio	27 Sept. 61			do		do	do	12 Oct. 81	5 Nov. 91
	Pennsylvania	23 Nov. 61			do		do	do	28 May 81	16 Dec. 91
	New York	25 Sept. 61			do		do	do	6 Nov. 81	10 Jan. 92
20	Pennsylvania	14 Nov. 61			do		do	do	15 Nov. 81	3 Apr. 92
	New Hampshire	21 Nov. 62			12 Mar. 68		26 Mar. 69	21 Mar. 70	12 Dec. 84	11 Apr. 94
	Texas			19 Aug. 64	do		18 Dec. 68	do	11 May 82	19 June 92
	Massachusetts		24 Nov. 62	c 15 Oct. 63	do		do	do	2 July 82	9 Jan. 93
	Ohio	21 Sept. 61			1 Dec. 66		12 Mar. 68	26 Mar. 69	1 Oct. 82	25 Jan. 93
25	Pennsylvania			18 Sept. 63	12 Mar. 68		18 Dec. 68	21 Mar. 70	16 Nov. 83	27 Apr. 93
	Maine			15 Oct. 62	do	23 Sept. 65	do	do	1 Dec. 83	9 May 93
	New York		15 Dec. 62	18 Aug. 63	do		do	do	13 July 84	4 July 93
	Tennessee	6 Oct. 62			do		26 Mar. 69	do	27 Sept. 84	27 Sept. 93
	Massachusetts	7 Oct. 62			do		do	do	3 Nov. 84	1 Oct. 93
30	Indiana	27 Sept. 62			do		do	do	8 Nov. 84	23 Jan. 94
	New Jersey	29 Sept. 62			do		do	do	26 Dec. 84	16 Apr. 94
	Connecticut	26 Sept. 62			do		do	do	1 Mar. 85	22 June 94
	California	25 Sept. 62			do		do	do	2 Mar. 85	10 July 94
	Maryland	21 Apr. 62			do		do	do	2 June 85	21 July 94
35	Missouri	30 Sept. 62			do		do	do	23 Sept. 85	7 Sept. 94
	Ohio	18 Apr. 62			do		do	do	2 Oct. 85	16 Sept. 94
	New York	29 Nov. 62			do		do	do	30 Oct. 85	30 Sept. 94
	Kentucky	31 Jan. 62			do		do	do	4 Feb. 86	2 Feb. 95
	Massachusetts	23 Feb. 63			do		do	do	4 Mar. 86	1 Mar. 95
40	Minnesota	24 Sept. 61			do		do	do	7 Oct. 86	10 May 95
	Kentucky	9 Oct. 61			do		do	do	9 Nov. 86	21 May 95
	Ohio	29 Sept. 62			do		do	do	26 Jan. 87	15 June 95
	New York	25 Sept. 62			do		do	do	29 Jan. 87	1 Sept. 95
	Rhode Island	29 Sept. 62			do		do	do	6 Mar. 87	28 Dec. 95
45	Dist. of Columbia	23 Sept. 62			do		do	do	26 May 87	29 Dec. 95
	Indiana	2 Dec. 61			do		do	do	19 May 86	5 Jan. 96
	Pennsylvania	2 Jan. 62			do		do	do	30 June 87	28 Feb. 96
	Massachusetts	6 Oct. 62			do		do	do	do	4 May 96
	Rhode Island	23 Sept. 63			18 Dec. 68		21 Mar. 70	21 Mar. 71	4 Sept. 87	4 Sept. 96
50	Ohio	2 Mar. 63			do		do	do	2 Jan. 88	1 Oct. 96
	New York	21 Sept. 63			do		do	do	31 Mar. 88	11 Oct. 96
	Michigan	30 July 63			do		do	do	28 May 88	1 Nov. 96
	Massachusetts	24 Sept. 63			18 Dec. 68		21 Mar. 70	21 Mar. 71	19 June 88	10 Nov. 96
	Ohio	1 Oct. 63			do		do	do	20 Sept. 90	13 July 97
55	Virginia	14 Apr. 62			12 Mar. 68		26 Mar. 69	21 Mar. 70	31 Oct. 88	18 Nov. 96
	New York	20 July 64			18 Dec. 68		21 Mar. 70	21 Mar. 71	12 Feb. 89	6 Dec. 96
	Ohio	28 Feb. 63			do		do	do	23 Mar. 89	1 Jan. 97
	Dist. of Columbia	4 Mar. 63			do		do	do	26 Mar. 89	5 Jan. 97
	Missouri	23 July 63			do		do	do	do	24 Feb. 97
60	Utah	26 Sept. 63			do		do	do	31 Mar. 89	14 Mar. 97
	Son of officer	10 Oct. 63			do		do	do	4 Aug. 89	21 Mar. 97
	Connecticut	25 Sept. 63			do		do	do	24 Oct. 89	6 Apr. 97
	Massachusetts	27 Feb. 63			do		do	do	3 Jan. 90	16 May 97
	New York	26 Sept. 62			do		do	do	31 July 90	19 June 97
65	Maine	26 Feb. 63			do		do	do	15 Oct. 90	21 July 97
	Pennsylvania	24 July 63			do		do	do	5 Dec. 90	28 Aug. 97

a Designation "Acting" discontinued 21 December, 1865.

b Acting Volunteer Lieutenant 16 December, 1863; Acting Volunteer Lieutenant-Commander 27 March, 1865; honorably discharged 8 December, 1865; reappointed Acting Master 19 November, 1866.

c Resigned 16 June, 1865; reappointed Acting Ensign 5 July, 1866.

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.		Unemployed.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms
	129	Richardson Clover	Chief Intelligence Officer	15 Oct. 98	Sept. 98	0	5	19	5	11	10	4	1
	130	James M. Miller	Commanding Badger	11 Apr. 98	July 97	0	9	21	0	11	6	2	9
	131	Frederick M. Wise	Commanding N. S. S. Enterprise	18 Sept. 98	Feb. 96	0	3	a16	2	a19	10	1	0
70	132	John V. B. Bleecker	Ord. Off., Navy-yard, Portsmouth	29 Aug. 98	Apr. 98	0	5	17	3	15	7	2	4
	133	Andrew Dunlap	Commanding Solace	21 May 96	May 93	0	11	19	5	15	3	2	0
	134	Richard Rush	Navy Department	20 Oct. 98	May 92	0	1	16	11	15	8	2	8
	135	Edward H. Gheen	Hydrographic Office	1 Oct. 98	Sept. 98	0	3	17	8	15	9	2	10
	136	Wells L. Field	Commanding Justin	10 July 98	June 93	0	6	19	6	14	3	2	5
75	137	Harrison G. O. Colby	Light-House Insp., 2d dist.	22 Oct. 98	Oct. 98	0	4	18	4	15	8	2	1
	138	Leavitt C. Logan	Commanding Machias	10 May 98	Nov. 94	0	7	16	1	18	2	1	7
	139	Conway H. Arnold	Light-House Insp., 6th dist.	7 Mar. 98	Dec. 97	0	0	17	9	16	0	1	7
	140	William S. Cowles	Commanding Topeka	5 Apr. 97	Nov. 91	0	6	19	9	13	9	2	0
	141	Charles O. Allibone	Light-House Insp., 9th Dist.	1 Jan. 98	May 97	0	0	18	9	12	7	4	1
80	142	Edward D. Taussig	Commanding Bennington	19 Aug. 98	Aug. 96	0	4	17	9	15	7	2	1
	143	John E. Pillsbury	Equip. Off. Navy-yard, Boston	17 Sept. 98	Sept. 98	0	1	21	9	13	4	1	3
	144	William H. Reeder	Com. Nau. School-ship St. Marys	1 Nov. 98	July 96	0	2	17	6	17	0	1	10
	145	Daniel Delehanty	Governor, Sailor's Snug Harbor	2 Sept. 98	Sept. 98	0	0	15	5	17	4	3	6
	146	Charles C. Cornwell†	Commanding Petrel	— Dec. 98	July 96	0	0	16	5	12	1	5	9
85	147	Dennis W. Mullan	Under suspension	8 July 97	Apr. 96	3	0	15	11	13	10	8	6

* Four months and fifteen days in the Volunteer Army (civil war).
† Subject to confirmation by Senate.
a Includes service in Volunteer Navy (civil war).

Number in grade.	Appointed from—	Entry and promotions.						
		Midshipman.	Acting Ensign.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
	Missouri	30 July 63		18 Dec. 68	21 Mar. 70	21 Mar. 71	19 May 91	16 Sept. 97
	Missouri	24 Sept. 63		....do	....do	....do	29 May 91	26 Sept. 97
	Maryland	23 Sep. 62a		....do	....do	....do	25 June 91	7 Nov. 97
70	Son of officer	10 Oct. 63		....do	....do	....do	30 June 91	5 Dec. 97
	New York	23 Apr. 62		....do	....do	....do	2 Aug. 91	1 Feb. 98
	Pennsylvania	30 Sept. 63		....do	....do	....do	27 Sept. 91	6 Feb. 98
	Pennsylvania	25 Sept. 62		....do	....do	....do	2 Oct. 91	28 Mar. 98
	New York	20 Nov. 62		....do	....do	....do	5 Nov. 91	27 Apr. 98
75	Massachusetts	25 Nov. 62		....do	....do	....do	20 Nov. 91	....do
	Ohio	28 Feb. 63		....do	....do	12 June 71	16 Dec. 91	1 May 98
	Son of officer	30 Sept. 63		....do	....do	22 June 71	10 Jan. 92	11 May 98
	Connecticut	22 July 63		....do	....do	26 Oct. 71	5 May 92	5 June 98
	New Jersey	24 July 63		....do	....do	2 Nov. 71	28 May 92	3 July 98
80	Missouri	....do		....do	....do	1 Jan. 72	19 June 92	10 Aug. 98
	At large	22 Sept. 62		....do	....do	....do	1 July 92	....do
	Iowa	20 Sept. 62		....do	....do	31 Jan. 72	4 Dec. 92	....do
	New York	25 Sept. 62		....do	....do	6 Mar. 72	9 Jan. 93	22 Nov. 98
	Utah	20 Sept. 64		19 Apr. 69	12 July 70	1 Apr. 72	7 Feb. 93	25 Dec. 98
85	Kentucky	21 Sept. 60	1 Oct. 63		10 May 66	21 Feb. 67	12 Mar. 68	3 July 82

a Masters' Mate 1 January, 1862; Fourth Master 9 August, 1862.

LIEUTENANT-COMMANDERS, ACTIVE LIST (74).

Number in grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present commission.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	148	Raymond P. Rodgers	Iowa	16 June 97	July 92	1	6	15	5	18	4
	149	Royal R. Ingersoll	Naval Academy	12 Sept. 98	Sept. 98	3	1	16	10	15	8
	150	Adolph Marix	Light-House Insp., 4th dist	17 Oct. 98	Oct. 98	2	9	20	9	11	7
	151	Duncan Kennedy	Light-House Insp., 11th dist	7 Oct. 98	Sept. 97	2	0	17	5	15	5
5	152	Seaton Schroeder	Massachusetts	17 Dec. 96	June 93	2	0	17	9	13	7
	153	James D. J. Kelley	Insp. merchant vessels, N. Y	13 May 97	May 97	2	4	13	1	13	10
	154	Richard Wainwright	Naval Academy	1 Nov. 98	Oct. 98	0	9	16	11	15	10
	155	Jefferson F. Moser	Com'ding Fish Com. str. Albatross	19 May 96	Mar. 93	2	6	21	7	10	10
	156	Robert T. Jasper	Com'ding Terror (in reserve)	13 Oct. 98	May 95	2	1	17	3	15	9
10	157	Franklin J. Drake	Ord. Off., Navy-yard, Mare Island	4 Oct. 97	July 97	3	1	16	4	17	3
	158	Thomas C. McLean	In charge Torpedo Station	15 June 97	Aug. 96	2	4	12	10	18	1
	159	William J. Barnette	Com'ding School-ship Saratoga	15 Oct. 98	Aug. 98	4	0	18	6	13	2
	160	Francis H. Delano	Navy-yard, Boston	1 Oct. 98	Sept. 98	2	2	20	5	11	8
	161	Charles T. Forse	Commanding Lebanon	17 June 97	Mar. 94	1	5	20	1	10	10
15	162	Edwin K. Moore	Naval Academy	15 Apr. 98	Mar. 98	3	1	21	0	11	11
	163	Albion V. Wadhams	Light-House Insp., 8th dist	1 Jan. 97	Nov. 96	2	2	17	4	14	4
	164	James D. Adams	Hydrographic Office	23 Sept. 98	Sept. 98	2	8	17	7	14	6
	165	James R. Selfridge	Commanding Sterling	10 Dec. 96	June 93	2	1	17	1	13	3
	166	James K. Cogswell	Light-House Inspr., 1st Dist	5 Oct. 98	Aug. 98	2	11	17	3	13	5
20	167	William H. Everett	Commanding Michigan	3 Sept. 98	May 96	1	7	17	8	14	1
	168	John M. Hawley	Bureau of Navigation	1 Dec. 96	Aug. 96	1	8	19	2	13	9
	169	John A. Rodgers	Indiana	1 Feb. 97	Nov. 94	1	11	18	6	13	6
	170	James W. Carlin	Commanding Culgoa	25 Mar. 98	Nov. 95	1	4	18	0	12	4
	171	Gottfried Blocklinger	Charleston	5 May 98	Oct. 96	1	9	17	9	10	7
25	172	Perry Garst	Naval Academy	8 Oct. 98	Oct. 98	2	3	19	5	13	5
	173	Frederic Singer	Commanding Manila	15 Apr. 96	Feb. 92	2	9	17	7	14	1
	174	Arthur B. Speyers	Navy-yard, New York	13 Dec. 98	Dec. 98	2	1	17	10	13	6
	175	Ebenezer S. Prime	Equip. Off., Navy-yard League Id	18 Oct. 98	Oct. 98	0	10	19	7	13	8
	176	William P. Potter	New York	12 Sept. 97	Sept. 94	1	4	16	4	15	5
30	177	Nathan E. Niles	Equip. Off., Navy-yard, Norfolk	29 Sept. 98	Sept. 98	2	3	17	11	13	11
	178	Giles B. Harber	Texas	28 Jan. 98	Apr. 95	0	11	17	11	12	10
	179	Thomas H. Stevens	Philadelphia	9 July 98	Aug. 97	1	9	18	6	10	0
	180	Charles P. Perkins	Returning from Monadnock	— Dec. 98	Dec. 98	2	4	20	0	11	2
	181	Newton E. Mason	Brooklyn	1 Dec. 96	Nov. 92	2	1	16	6	14	5
35	182	Charles G. Bowman	Eq. Off., Navy-yard, Mare Island	3 June 97	Apr. 97	0	11	15	10	16	5
	183	William H. Beehler	Office Naval Intelligence	20 Aug. 98	June 98	2	0	15	6	14	1
	184	John B. Briggs	Baltimore	15 June 97	Feb. 94	1	3	15	9	16	1
	185	Arthur P. Nazro	Oregon	12 Dec. 97	May 95	1	1	18	5	13	4
	186	William W. Kimball	Ord. to Naval Sta., Havana, Cuba	21 Dec. 98	Dec. 98	1	2	15	5	15	2
40	187	William P. Day	New Orleans	22 May 98	Oct. 96	0	7	19	10	6	0
	188	John C. Wilson	Commanding Vixen	4 July 98	Apr. 95	0	6	17	11	12	1
	189	Uriah R. Harris	Navy-yard, Boston	15 Sept. 97	Aug. 97	0	5	17	0	14	2
	190	Richard G. Davenport	Com'ding Fish Com. str. Fish Hawk	21 May 98	Dec. 96	0	7	18	3	13	11
	191	Edward B. Barry	Cincinnati	2 Aug. 97	July 94	1	5	20	8	11	3
45	192	Herbert Winslow	Commanding Marcellus	27 Apr. 98	Dec. 97	1	4	18	8	12	6
	193	William H. Turner	Commanding Scorpion	21 May 98	May 95	0	1	16	5	14	10
	194	George P. Colvocoresses	Concord	22 May 97	June 93	1	7	a19	1	a15	2
	195	Charles E. Colahan	Chicago	30 July 96	July 93	1	6	18	6	13	8
	196	Wainwright Kellogg	Asst. L. H. Insp., 3d dist	9 Sept. 98	Sept. 98	0	5	21	6	10	8
50	197	Albert G. Berry	Amphitrite	6 July 96	July 93	1	4	17	11	11	5
	198	John A. Norris	Boston	9 Sept. 97	Aug. 94	1	4	14	10	17	3
	199	William H. Driggs	Office Naval Intelligence	2 Sept. 98	Sept. 98	0	4	16	10	9	4
	200	Nathaniel J. K. Patch	Commanding Celtic	11 July 98	Jan. 98	0	9	19	2	12	1
	201	Thomas S. Phelps, jr	Raleigh	30 June 98	Dec. 97	0	7	17	1	11	3
55	202	Karl Rohrer	Navy-yard, Washington	19 Apr. 97	Apr. 97	0	0	15	7	15	5
	203	John A. H. Nickels	Marblehead	7 Apr. 97	Nov. 95	0	11	20	0	13	3
	204	Clinton K. Curtis	Navy-yard, Norfolk	3 Nov. 98	Sept. 98	0	8	17	5	12	4
	205	Theodoric Porter	Training-ship Adams	14 July 97	July 94	0	9	13	8	18	6
	206	Daniel D. V. Stuart	Navy-yard, New York	10 Oct. 98	Oct. 98	0	5	20	0	12	10
60	207	John H. Moore	Ordered to Yosemite	28 Dec. 98	May 95	0	8	17	3	11	5
	208	Charles A. Adams	Receiving-ship Independence	25 Mar. 98	Mar. 98	0	9	19	5	11	8
	209	Kossuth Niles	Torpedo Station	31 Dec. 96	July 96	0	0	16	10	14	11
	210	Dennis H. Mahan	Sick leave	20 June 98	June 98	0	1	17	5	11	11
	211	William F. Low	Newark	10 Mar. 98	Jan. 95	0	7	18	5	11	4
65	212	Nelson T. Houston	Commanding Iris	8 Dec. 96	Feb. 94	0	7	16	9	12	6

a Includes service as Captain's Clerk.

LIEUTENANT-COMMANDERS, ACTIVE LIST (74).

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.				
				Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.
	Ys	Ms						
	0	8	Son of officer	25 July 64	19 Apr. 69	12 July 70	10 Oct. 72	4 July 93
	1	11	Michigan	23 July 64	do	do	13 Apr. 72	25 Feb. 93
	1	11	Iowa	26 Sept. 64	do	do	24 May 72	9 May 93
	1	8	New York	20 July 64	do	do	18 June 72	15 May 93
5	2	11	South Carolina	27 Sept. 64	do	do	29 Oct. 72	27 Sept. 93
	7	4	At large	5 Oct. 64	do	do	13 Aug. 72	27 June 93
	1	6	Son of officer	28 Sept. 64	do	do	25 Sept. 73	16 Sept. 94
	1	10	Pennsylvania	29 Sept. 64	do	do	19 Aug. 72	do
	1	5	New York	21 July 64	do	do	27 Oct. 72	do
10	2	4	New York	23 Feb. 63	do	do	15 Nov. 72	1 Oct. 93
	3	4	New York	21 Sept. 64	do	do	12 Dec. 72	11 Apr. 94
	2	8	New York	26 July 64	do	do	28 Dec. 72	16 Apr. 94
	3	3	Massachusetts	23 Sept. 63	18 Dec. 68	21 Mar. 70	6 Feb. 73	22 June 94
	4	4	Kentucky	24 Sept. 63	19 Apr. 69	12 July 70	11 Feb. 73	do
15	1	4	Ohio	1 Oct. 64	do	do	1 Mar. 73	10 July 94
	2	7	New York	26 Sept. 64	do	do	25 Mar. 73	21 July 94
	2	2	Mississippi	27 Sept. 64	do	do	15 Sept. 73	7 Sept. 94
	4	2	California	21 July 64	do	do	27 Sept. 73	30 Sept. 94
	4	7	Wisconsin	25 Sept. 63	do	do	8 Apr. 74	15 June 95
20	3	8	Connecticut	23 July 63	do	do	12 Dec. 73	6 Dec. 94
	2	6	Massachusetts	do	do	do	6 Jan. 74	9 Dec. 94
	3	5	Son of officer	30 July 63	do	do	2 Feb. 74	1 Mar. 95
	4	1	Illinois	23 July 64	do	do	12 Feb. 74	10 May 95
	7	1	Iowa	22 July 63	do	do	2 Apr. 74	21 May 95
25	2	7	Illinois	28 July 63	do	do	5 Apr. 74	7 June 95
	3	9	Ohio	27 July 63	do	do	21 May 74	1 Sept. 95
	4	1	New York	24 July 63	do	do	23 May 74	28 Dec. 95
	2	0	Ohio	22 Sept. 63	do	do	5 June 74	29 Dec. 95
	1	6	New York	26 Sept. 65	do	do	do	12 June 96
30	2	7	Pennsylvania	28 July 64	do	do	7 July 74	5 Jan. 96
	2	8	Ohio	24 July 65	12 July 70	12 July 71	19 Sept. 74	4 Sept. 96
	6	9	Son of officer	1 Oct. 63	do	do	6 Jan. 74	2 Feb. 96
	2	3	Massachusetts	21 July 65	do	do	9 Aug. 74	4 May 96
	2	6	Pennsylvania	24 July 65	do	do	22 July 74	18 Feb. 96
35	1	2	Indiana	29 July 65	12 July 70	12 July 71	8 Nov. 74	10 Nov. 96
	4	10	Maryland	28 July 64	19 Apr. 69	12 July 70	10 Sept. 74	21 June 96
	1	4	Massachusetts	28 Sept. 65	do	do	24 Oct. 74	1 Nov. 96
	1	8	Massachusetts	21 July 65	do	26 July 71	19 Nov. 74	18 Nov. 96
	2	10	Son of officer	31 July 65	do	14 Oct. 71	18 Dec. 74	6 Dec. 96
40	7	7	Enlisted boy	26 July 65	do	31 Oct. 71	23 Jan. 75	1 Jan. 97
	3	5	New York	24 July 65	do	9 Dec. 71	3 Feb. 75	5 Jan. 97
	2	3	Indiana	22 July 65	do	1 Jan. 72	11 Feb. 75	24 Feb. 97
	2	1	Georgia	29 Sept. 64	do	20 Jan. 72	17 Mar. 75	14 Mar. 97
	1	6	Son of officer	21 July 65	do	29 Jan. 72	6 Apr. 75	21 Mar. 97
45	2	3	Son of officer	do	do	1 Apr. 72	3 May 75	6 Apr. 97
	2	2	Ohio	22 July 65	do	13 Apr. 72	13 May 75	16 May 97
	2	3	Son of officer	28 Sept. 64	12 July 70	18 June 72	1 July 75	4 June 97
	1	3	Pennsylvania	21 July 65	do	13 Aug. 72	20 July 75	19 June 97
	1	1	Pennsylvania	27 Sept. 65	do	3 Sept. 72	29 Sept. 75	13 July 97
50	4	1	At large	25 July 65	do	27 Sept. 72	20 Oct. 75	21 July 97
	1	2	Pennsylvania	27 Sept. 65	do	10 Oct. 72	do	28 Aug. 97
	7	4	Michigan	21 July 65	do	27 Oct. 72	7 Mar. 76	16 Sept. 97
	2	0	Massachusetts	20 Sept. 65	do	do	9 Mar. 76	26 Sept. 97
	5	1	Son of officer	26 July 65	do	29 Oct. 72	15 Mar. 76	7 Nov. 97
55	2	5	Missouri	22 July 65	do	10 Nov. 72	26 Apr. 76	5 Dec. 97
	0	11	Mississippi	8 Oct. 64	12 July 70	20 Nov. 72	10 June 76	1 Feb. 98
	3	6	West Virginia	27 Sept. 65	do	25 Nov. 72	30 June 76	6 Feb. 98
	1	1	Son of officer	20 Sept. 65	do	11 Feb. 73	22 Aug. 76	28 Mar. 98
	2	6	New York	24 Sept. 63	do	do	9 Sept. 76	27 Apr. 98
60	4	9	New York	31 July 65	do	15 Feb. 73	21 Sept. 76	do
	4	5	Wisconsin	24 July 63	19 Apr. 69	12 July 70	8 Nov. 73	11 Nov. 94
	1	6	Illinois	22 Sept. 65	12 July 70	1 Mar. 73	30 Sept. 76	1 May 98
	4	1	Son of officer	21 July 65	do	14 Feb. 73	21 Sept. 77	11 May 98
	3	8	New Hampshire	24 July 65	do	2 Apr. 73	25 Nov. 77	5 June 98
65	4	2	New York	28 July 65	do	6 Sept. 72	9 Oct. 75	7 June 98

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*
	213	Clayton S. Richman	Commanding Dixie	12 Apr. 98	Apr. 97	0	3	15	9	14	1
	214	Samuel P. Comly	Receiving-ship Richmond	15 Oct. 98	Oct. 98	0	2	18	4	12	7
	215	Hawley O. Rittenhouse.	Commanding Miantonomoh	31 Mar. 98	Feb. 96	0	5	15	11	14	8
	216	Robert G. Peck	Bureau of Equipment	3 Oct. 98	July 97	0	0	18	9	12	7
70	217	John Hubbard	Navy-yard, New York	22 Oct. 98	Oct. 98	0	0	18	1	12	9
	218	Alexander McCrackin	Monadnock	1 Sept. 97	July 94	0	0	*a*17	8	11	8
	219	George L. Dyer	Commanding Yankton	1 July 98	June 97	0	1	12	11	16	4
	220	Lewis C. Heilner*	Texas	20 July 96	Jan. 96	0	1	18	6	12	4
	221	Martin E. Hall*	School-ship Enterprise	16 Sept. 98	July 98	0	0	13	2	13	2

* Subject to examination. *a* Includes services as Captain's Clerk.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.				
				Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.
	Ys	*Ms*						
	3	7	Iowa	24 July 65	12 July 71	2 Aug. 73	26 Feb. 78	3 July 98
	2	7	New Jersey	26 July 65	.....do....	3 Aug. 73	26 Apr. 78	10 Aug. 98
	1	10	New Jersey	25 July 66	13 July 71	10 Sept. 73	5 June 78	.....do....
	1	0	Massachusetts	21 Sept. 66	.....do....	11 Sept. 73	13 Nov. 78	.....do....
70	1	7	Arizona	25 July 66	.....do....	15 Sept. 73	28 Dec. 78	6 Oct. 98
	4	0	Iowa	.....do....	.....do....	25 Sept. 73	13 Jan. 79	15 Nov. 98
	3	2	Maine	23 July 66	.....do....	.....do....	5 Feb. 79	22 Nov. 98
	1	7	Pennsylvania	24 July 66	12 July 70	27 Sept. 73	2 June 79	9 Dec. 98
	6	11	Iowa	19 Sept. 65	.....do....	12 Dec. 73	1 Nov. 79	25 Dec. 98

LIEUTENANTS, ACTIVE LIST (250).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	222	Edward M. Hughes	Petrel	15 July 96	Mar. 93	13	5	22	3	8	4
	223	Herman F. Fickbohm	Detroit	7 Apr. 98	Aug. 96	9	3	17	11	10	4
	224	Joseph B. Murdock	Naval War College	17 Oct. 98	Oct. 98	8	2	17	3	13	1
	225	Hugo Osterhaus	Naval Academy	1 Sept. 98	Aug. 98	11	3	19	5	12	5
5	226	John B. Collins	Wilmington	10 May 97	Mar. 95	9	1	17	10	11	1
	227	Charles E. Vreeland	Olympia	13 Jan. 97	Apr. 93	9	6	18	8	11	7
	228	Corwin P. Rees *	Returning from Olympia	— Dec. 98	Dec. 98	15	11	23	10	6	6
	229	Albert C. Dillingham †	Nashville	19 Aug. 97	June 95	9	0	18	9	13	3
	230	George F. W. Holman	Torpedo Station	1 Apr. 98	Mar. 98	8	10	19	1	12	0
10	231	Nathan Sargent	Recorder, Bd. Insp. and Survey	5 Oct. 98	Sept. 98	9	3	16	5	12	9
	232	Lazarus L. Reamey	Bureau of Yards and Docks	17 Sept. 98	Sept. 98	9	9	16	10	11	5
	233	James H. Bull	Asiatic Station	— Dec. 98	Sept. 98	8	0	17	9	12	2
	234	Greenlief A. Merriam	Puritan	18 Apr. 98	May 96	9	7	18	2	12	6
	235	John B. Milton	Badger	14 Apr. 98	Jan. 97	8	9	19	1	11	2
15	236	William Kilburn	Navy-yard, Washington	31 Aug. 98	July 98	9	10	17	8	11	6
	237	Jacob J. Hunker	Bureau of Navigation	20 Oct. 98	Sept. 98	8	6	18	9	10	9
	238	George W. Mentz	Training-ship Annapolis	20 July 97	July 95	8	5	18	3	10	10
	239	Sidney A. Staunton	New York (Staff)	16 June 97	Aug. 94	9	4	17	3	11	7
	240	Aaron Ward	Panther	11 Apr. 98	Aug. 96	7	11	14	6	13	2
20	241	Charles W. Bartlett	Naval Academy	20 Sept. 98	Sept. 98	9	2	16	1	13	10
	242	Chauncey Thomas	Yorktown	15 Dec. 96	Feb. 94	7	6	15	2	14	8
	243	William A. Marshall	Resolute	15 Dec. 98	Feb. 96	6	11	16	6	12	0
	244	William M. Irwin	Steel Insp., So. Bethlehem	1 June 97	May 97	8	2	16	4	12	10
	245	Gustavus C. Hanus	Wheeling	— Dec. 98	Sept. 98	11	9	21	8	10	2
25	246	John E. Roller	Lancaster	6 May 96	June 93	9	7	16	4	11	3
	247	Francis E. Greene	Montgomery	4 Jan. 98	May 96	8	6	19		10	5
	248	Carlos G. Calkins	Returning from Olympia	— Dec. 98	Dec. 98	9	0	17	7	12	4
	249	William P. Elliott	Baltimore	— Dec. 98	Aug. 98	12	11	22	4	6	0
	250	Henry H. Barroll	New York	14 Oct. 98	Sept. 97	7	4	17	10	9	4
30	251	William E. Sewell	Topeka	5 June 97	July 94	8	0	18		11	4
	252	Henry McCrea	Machias	30 Apr. 96	Mar. 93	8	11	18	7	11	5
	253	Edward F. Qualtrough	Inspection duty under Bu. Eq	10 Nov. 98	Oct. 98	8	0	17	9	11	6
	254	James C. Cresap	Training-ship Vicksburg	1 June 97	May 95	8	3	18	0	11	10
	255	Asher C. Baker	Special duty, Paris Exposition	8 Aug. 98	Apr. 97	7	7	15	9	12	4
35	256	Wm. H. H. Southerland	Office of Assistant Secretary	7 Oct. 98	Oct. 98	6	7	13	9	15	4
	257	Lucien Young	Commanding Hist	4 June 98	Feb. 98	7	3	15	11	11	10
	258	Jesse M. Roper	Hydrographic Office	22 Oct. 98	Oct. 98	7	4	17	10	11	5
	259	Charles E. Fox	Monadnock	23 Oct. 97	Dec. 95	6	10	16	2	12	5
	260	John C. Fremont	Supervisor New York Harbor	22 Aug. 98	Aug. 98	7	11	15	9	11	7
40	261	Albert Mertz	Training-ship Essex	30 Nov. 96	Jan. 94	8	2	18	10	9	3
	262	Rogers H. Galt	Insp. Equip., Newport News	7 June 97	June 97	5	8	16	8	12	9
	263	Vincendon L. Cottman	Commanding Brutus	31 Dec. 96	July 94	5	9	15	7	12	11
	264	Frank E. Sawyer	Sick leave	29 Dec. 98	Dec. 98	7	4	17	7	10	4
	265	William H. Schuetze	Iowa	7 Apr. 97	Nov. 92	4	10	14	6	13	9
45	266	Thomas B. Howard	Concord	22 May 97	June 94	7	1	15	2	13	11
	267	Walter C. Cowles	Bureau of Equipment	10 July 97	Apr. 97	4	5	14	2	13	3
	268	Austin M. Knight	Naval Academy	27 Sept. 98	Sept. 98	6	7	14	2	13	5
	269	Charles J. Badger	Cincinnati	28 Aug. 97	Oct. 95	7	7	17	7	10	3
	270	Samuel W. B. Diehl	Buffalo	22 Sept. 98	Aug. 97	6	5	14	7	13	9
50	271	Reginald F. Nicholson	Duty with Farragut	1 Oct. 98	Aug. 98	6	2	14	5	14	3
	272	Samuel C. Lemly ‡	Judge-Advocate-General	5 June 92	May 90	3	3	11	5	16	1
	273	Edmund B. Underwood	Yankee	10 Mar. 98	Aug. 97	6	4	16	10	10	10
	274	William F. Halsey	Naval Academy	9 Oct. 98	Sept. 98	6	4	16	4	10	9
	275	Frank A. Wilner	Returning from Monadnock	— Dec. 98	Dec. 98	6	6	18	3	9	11
55	276	Henry Morrell	Castine	10 June 96	Aug. 93	5	11	18	7	9	3
	277	William Winder	Raleigh	1 Dec. 96	Sept. 93	7	2	16	2	10	2
	278	Charles B. T. Moore	Bennington	29 Apr. 98	July 96	7	0	15	11	10	8
	279	Ten Eyck D. W. Veeder	Scindia	31 Aug. 96	May 93	5	2	15	4	13	3
	280	Alfred Reynolds	Bureau of Equipment	3 Dec. 97	Oct. 97	6	0	14	9	12	7
60	281	John M. Robinson	Navy-yard, Washington	29 Sept. 98	Sept. 98	5	8	16	8	10	1
	282	George H. Peters	Office of Naval Intelligence	19 Sept. 98	Dec. 97	7	3	15	2	11	9
	283	Bradley A. Fiske	Petrel	16 Dec. 96	Oct. 94	6	11	13	0	11	7
	284	Frank H. Holmes	Baltimore	19 Mar. 98	May 96	6	0	18	1	13	1

* One year five months and twenty days in Volunteer Army.
† One month and twenty-seven days in Volunteer Army.
‡ With rank of captain.

LIEUTENANTS, ACTIVE LIST (250).

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.					
				Cadet Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
	Ys	Ms							
	1	10	At large		25 July 66	13 July 71	12 Dec. 73		16 Dec. 79
	4	2	Naval apprentice		31 July 66	do	6 Jan. 74		24 Feb. 80
	2	1	Massachusetts		25 July 66	do	2 Feb. 74		10 Mar. 80
	1	5	Missouri		22 Sept. 65	do	12 Feb. 74		13 Mar. 80
5	3	7	Louisiana		26 July 66	do	3 Mar. 74		18 Mar. 80
	2	2	Naval apprentice		27 July 66	do	2 Apr. 74		25 Mar. 80
	2	1	Ohio		30 July 66	do	21 May 74		11 Oct. 80
	1	5	Pennsylvania		21 July 65	do	4 June 74		14 Dec. 80
	1	4	California		23 July 66	do	14 June 74		1 Jan. 81
10	3	3	Montana		20 July 66	do	10 July 74		2 Jan. 81
	4	2	Pennsylvania		23 July 66	do	23 July 74		2 Feb. 81
	2	5	Pennsylvania		25 July 66	do	3 Oct. 74		22 Apr. 81
	1	10	Massachusetts		21 July 66	do	22 Oct. 74		28 May 81
	2	2	Kentucky		26 July 66	do	19 Nov. 74		14 Sept. 81
15	3	11	California		5 Dec. 65	do	18 Dec. 74		12 Oct. 81
	2	11	Ohio		27 July 66	13 July 72	14 Jan. 75		15 Oct. 81
	3	2	New Jersey		25 Sept. 66	do	25 Jan. 75		28 Oct. 81
	2	6	West Virginia		a20 Sept. 67	6 June 71	14 July 72	4 Feb. 75	15 Nov. 81
	3	7	Pennsylvania		a26 Sept. 67	do	do	8 Feb. 75	25 Nov. 81
20	1	7	Massachusetts		a20 June 67	do	do	17 Mar. 75	4 Feb. 82
	1	5	Pennsylvania		a25 Sept. 67	do	do	14 Apr. 75	10 Mar. 82
	3	0	Pennsylvania		a26 June 67	do	do	22 Apr. 75	15 Apr. 82
	2	5	Ohio		a28 June 67	do	do	1 May 75	2 June 82
	1	8	Wisconsin		a26 July 65	do	do	3 May 75	19 June 82
25	3	11	Naval apprentice		a20 June 67	do	do	24 May 75	1 July 82
	1	10	Indiana		a24 Sept. 67	do	do	16 June 75	2 July 82
	1	7	Ohio		a20 June 67	do	do	1 July 75	17 Nov. 82
	2	11	At large		a23 Sept. 67	do	do	14 May 75	20 June 82
	4	1	Missouri		a27 Sept. 67	do	do	20 Oct. 75	3 Mar. 83	22 May 83
30	1	8	New York		a25 Sept. 67	do	do	26 Apr. 76	do	13 Oct. 83
	2	5	Indiana		a20 July 66	do	do	10 June 76	do	16 Nov. 83
	2	0	New York		a20 Sept. 67	do	do	1 July 76	do	24 Nov. 83
	1	8	Ohio		a22 June 67	do	do	30 Sept. 76	do	1 Dec. 83
	3	1	Iowa		a30 Sept. 67	do	do	6 Dec. 76	do	10 Jan. 84
35	1	5	Naval apprentice		a29 June 68	1 July 72	15 July 73	21 Nov. 77	do	9 Feb. 84
	1	10	Kentucky		a21 June 69	31 May 73	16 July 74	24 Nov. 77	do	1 May 84
	1	3	Missouri		a25 June 68	1 June 72	15 July 73	25 Nov. 77	do	5 June 84
	1	11	At large		do	do	do	do	do	2 Aug. 84
	3	2	At large		do	do	do	do	do	2 Sept. 84
40	3	5	Wisconsin		a26 June 67	do	do	26 Nov. 77	do	27 Sept. 84
	1	1	At large		a25 June 68	do	do	11 Dec. 77	do	3 Nov. 84
	1	9	New York		a25 Sept. 68	do	do	9 May 78	do	8 Jan. 85
	2	4	Massachusetts		do	do	do	22 July 78	do	16 June 85
	1	3	Missouri		a23 June 69	31 May 73	16 July 74	30 Nov. 78	do	2 Oct. 85
45	0	5	At large		a25 June 69	do	do	13 Jan. 79	do	7 Nov. 85
	1	11	Connecticut		a22 Sept. 69	do	do	2 Aug. 79	do	1 Dec. 85
	1	11	Florida		a30 June 69	do	do	27 Oct. 79	do	19 Dec. 85
	1	8	At large		a24 June 69	do	do	1 Nov. 79	do	5 Jan. 86
	0	11	Pennsylvania		a21 Sept. 69	do	do	do	do	9 Jan. 86
50	0	7	North Carolina		a30 Sept. 69	do	do	22 Jan. 80	do	17 Jan. 86
	2	0	North Carolina		a26 June 69	do	do	24 Feb. 80	do	20 Jan. 86
	1	10	At large		do	do	do	10 Mar. 80	do	4 Feb. 86
	2	2	Louisiana		a22 Sept. 69	do	do	18 Mar. 80	do	4 Mar. 86
	1	4	New York		a30 June 69	do	do	25 Mar. 80	do	13 May 86
55	1	8	New York		do	do	do	11 Oct. 80	do	23 May 86
	2	11	New Hampshire		a21 Sept. 69	do	do	23 Nov. 80	do	do
	2	7	Illinois		a28 Sept. 69	do	do	14 Dec. 80	do	5 Aug. 86
	1	8	New York		a25 Sept. 68	do	do	1 Jan. 81	do	7 Oct. 86
	1	11	Indiana		a22 Sept. 69	do	do	do	do	9 Nov. 86
60	2	9	At large		a25 June 69	do	do	2 Jan. 81	do	13 Dec. 86
	1	7	Pennsylvania		a24 June 70	1 June 74	17 July 75	10 Jan. 81	do	14 Dec. 86
	3	8	Ohio		24 Sept. 70	do	do	2 Feb. 81	do	26 Jan. 87
	1	4	California		a30 June 70	do	do	24 Feb. 81	do	29 Jan. 87

a Entered as midshipman; title changed to cadet midshipman by act of Congress approved July 15, 1870, but no new appointment issued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	285	John F. Parker	Columbia	15 Mar. 98	July 96	5	7	12	8	13	1
65	286	Hamilton Hutchins	Montgomery	14 July 97	June 95	5	6	14	1	13	1
	287	John M. Bowyer	Princeton	27 May 98	June 97	7	2	18	5	8	9
	288	John C. Colwell	Naval attaché, London	21 Apr. 97	Aug. 96	4	6	13	9	12	6
	289	William R. A. Rooney	New Orleans	17 Apr. 98	Apr. 97	6	3	14	2	11	11
	290	Edward J. Dorn	Naval Academy	24 Aug. 98	Mar. 98	6	4	13	10	12	10
70	291	Bernard O. Scott	Boston	14 Mar. 98	May 96	8	6	19	7	7	5
	292	Cameron McR. Winslow	Indiana	15 Oct. 96	July 94	6	0	17	9	8	11
	293	George T. Emmons	Waiting orders	1 Jan. 99	Sept. 96	4	3	13	3	7	2
	294	York Noel	Marblehead	11 Mar. 98	Nov. 95	6	8	17	1	9	2
	295	Albon C. Hodgson	Brooklyn	3 Apr. 98	Dec. 96	5	2	11	9	13	7
75	296	James M. Helm	Light-House Inspr. 16th dist.	31 Dec. 98	Nov. 98	9	10	20	10	3	5
	297	William G. Cutler	Newark	10 May 97	July 95	5	4	15	9	10	1
	298	Alexander Sharp, jr.	Naval Academy	29 Sept. 98	Sept. 98	5	2	14	8	11	7
	299	Charles Laird	Helena	15 July 96	Nov. 93	5	2	15	3	11	11
	300	Nathaniel R. Usher	Light-House Inspr. 7th dist	4 Oct. 98	Oct. 98	3	10	15	2	10	2
80	301	Walter S. Hughes	Branch Hydro. Office, San Francisco.	15 Nov. 98	July 98	4	7	14	0	11	10
	302	Fidelio S. Carter	Wilmington	7 Oct. 97	May 95	4	11	15	10	9	7
	303	Frank F. Fletcher	Commanding Eagle	8 July 98	Sept. 96	4	1	13	1	13	5
	304	Harry H. Hosley	Receiving-ship Vermont	20 Dec. 98	Oct. 98	5	7	14	9	9	2
	305	Frank E. Beatty	Monterey	14 Aug. 97	Feb. 95	4	6	16	5	9	5
85	306	Moses L. Wood	Training-ship Adams	6 July 96	Apr. 93	5	9	16	4	9	2
	307	John A. Shearman	Waiting orders	15 Oct. 98	Oct. 98	5	7	14	3	10	4
	308	Robert M. Doyle	Resolute (ordered to Texas)	20 July 96	May 93	6	2	15	5	11	6
	309	George M. Stoney	Naval Academy	29 Sept. 98	Sept. 98	5	4	15	0	11	9
	310	Frederick W. Coffin	Receiving-ship Wabash	31 Oct. 98	Oct. 98	6	8	18	5	8	8
90	311	Harry M. Hodges	Arethusa	23 Nov. 97	Apr. 95	7	8	21	2	5	6
	312	William B. Caperton	Marietta	1 Dec. 96	Nov. 94	5	1	15	2	9	10
	313	James T. Smith	Amphitrite	13 Apr. 98	Aug. 96	4	7	14	9	11	1
	314	Henry C. Gearing	Badger	18 Apr. 98	June 96	4	2	14	3	11	4
	315	Templin M. Potts	Massachusetts	10 June 96	Aug. 93	5	3	14	1	9	6
95	316	William H. Allen	Oregon	15 July 96	Sept. 93	5	9	13	9	11	6
	317	Burns T. Walling	Navy-yard, New York	22 Sept. 98	May 98	3	8	14	5	9	9
	318	Clifford J. Boush	Badger (ordered to Yosemite)	27 July 97	Aug. 95	4	5	14	2	12	7
	319	James H. Sears	Waiting orders	28 Nov. 98	Nov. 98	5	7	15	6	9	5
	320	Abraham E. Culver	Mayflower	1 Apr. 98	Feb. 96	3	7	12	3	11	2
100	321	Henry T. Mayo	Union Iron Works	14 Oct. 98	Sept. 98	5	0	17	6	7	1
	322	Charles C. Rogers	Detroit	29 Apr. 98	Aug. 96	3	10	11	10	10	11
	323	John T. Newton	Navy-yard, New York	3 Sept. 98	Aug. 98	5	2	14	1	10	4
	324	Benjamin Tappan	Commanding Callao	23 Nov. 96	Nov. 94	5	5	14	5	10	10
	325	Waldemar D. Rose	Chicago	1 Dec. 98	Oct. 97	3	2	13	8	10	4
105	326	Charles F. Pond	Commanding Iroquois	11 Apr. 98	Apr. 97	3	8	14	2	10	7
	327	Walter McLean	Returning from Monocacy	— Dec. 98	Dec. 98	5	0	14	3	9	0
	328	Washington I. Chambers	Torpedo Station	14 Feb. 98	Aug. 97	3	6	12	2	14	2
	329	James C. Gillmore	Scorpion	25 Apr. 98	June 97	4	9	16	0	9	10
	330	Charles A. Gove	Naval Academy	20 Sept. 98	Sept. 98	3	6	15	0	10	8
110	331	De Witt Coffman	Commanding Prairie	1 Oct. 98	June 98	4	2	13	5	11	2
	332	William G. Hannum	En route to Asiatic station	29 Dec. 98	Nov. 98	3	9	14	1	9	11
	333	Richard Henderson	Indiana	2 Dec. 95	Apr. 93	4	5	15	2	7	6
	334	Thomas D. Griffin	Badger	28 Jan. 98	May 96	4	0	16	0	8	4
	335	Henry Minett	Yorktown	17 Nov. 98	Mar. 97	3	4	14	9	9	7
115	336	Richard T. Mulligan	Massachusetts	30 June 96	Nov. 91	2	6	15	3	10	8
	337	Wm. Braunersreuther	Charleston	5 May 98	May 96	3	9	12	7	13	2
	338	Francis H. Sherman	Navy-yard, New York	28 July 98	July 98	5	11	16	11	8	8
	339	William S. Hogg	Celtic	10 Mar. 98	May 96	3	9	15	8	9	0
	340	William F. Fullam	Naval Academy	9 Oct. 98	Oct. 98	3	7	12	7	11	7
120	341	Thomas M. Brumby	Olympia (staff)	31 Dec. 97	June 96	3	11	15	6	6	11
	342	Horace M. Witzel	Iowa	16 June 97	Jan. 95	4	1	13	3	11	2
	343	Albert G. Winterhalter	Navy-yard, League Island	26 Oct. 98	Oct. 98	3	6	11	6	11	0
	344	John M. Orchard	Iowa	19 July 97	Aug. 94	3	10	15	0	9	7
	345	John N. Jordan	Inspection duty (Bu. Ord.)	3 Apr. 98	Mar. 98	3	1	16	11	7	8
125	346	Augustus F. Fechteler	Monterey	19 Sept. 96	Oct. 94	4	6	15	10	8	1
	347	Edward E. Wright	Training-ship Essex	15 Mar 98	July 96	3	10	14	2	9	1
	348	Albert Gleaves	Navy-yard, Washington	12 Sept. 98	Sept. 98	3	0	14	1	9	5
	349	James P. Parker	Monadnock	15 July 96	Sept. 93	3	5	15	3	9	0
	350	Ben W. Hodges	Nanshan	9 Dec. 95	Oct. 92	3	1	13	3	10	2
130	351	Herbert O. Dunn	Branch Hydro. Office, Baltimore	26 Sept. 98	Sept. 98	3	0	13	7	10	5
	352	Arthur W. Dodd	Helena	14 May 98	Jan. 98	3	6	16	0	8	2
	353	George W. Denfeld	Bureau of Equipment	28 June 98	Nov. 97	2	2	13	6	10	7
	354	Albert W. Grant	Machias	7 July 97	July 94	3	4	12	1	11	4
	355	Philip V. Lansdale	Philadelphia	15 June 96	June 93	2	8	13	9	10	3
135	356	Horace W. Harrison	Office of Naval Intelligence	1 Nov. 98	June 98	3	1	13	5	10	0
	357	Valentine S. Nelson	Olympia	30 July 96	June 93	3	0	13	3	9	3
	358	William S. Benson	Chicago	1 Dec. 98	Aug. 96	3	0	14	6	10	11
	359	William V. Bronaugh	Castine	25 Feb. 97	Sept. 94	3	0	14	11	9	5

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry and promotions. Cadet midshipman.	Midshipman.	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
	2	6	Ohio	30 Sept. 70	1 June 74	17 July 75	17 May 81	3 Mar. 83	21 Apr. 87
65	1	4	New Hampshire	a24 June 70	do	do	22 May 81	do	21 May 87
	1	0	Iowa	30 Sept. 70	15 Oct. 74	do	28 May 81	do	26 May 87
	2	1	At large	23 Sept. 70	1 June 74	do	1 June 81	do	30 June 87
	2	3	Pennsylvania	29 Sept. 70	do	do	11 June 81	do	do
	1	7	Missouri	22 Sept. 70	do	do	30 Aug. 81	do	do
70	1	7	Alabama	a30 June 70	do	do	14 Sept. 81	do	1 July 87
	1	7	At large	29 Sept. 70	21 June 75	18 July 76	21 Dec. 81	do	1 July 88
	8	2	At large	a8 June 70	15 Oct. 74	17 July 75	15 Oct. 81	do	1 Nov. 87
	2	1	Pennsylvania	21 Sept. 70	1 June 74	17 July 76	28 Oct. 81	do	2 Jan. 88
	2	3	Georgia	9 June 71	21 June 75	18 July 76	15 Nov. 81	do	28 May 88
75	3	0	Tennessee	30 Sept. 71	do	do	25 Nov. 81	do	1 June 88
	1	6	At large	22 Sept. 71	do	do	1 Dec. 81	do	19 June 88
	2	3	District of Columbia	a21 June 70	do	do	8 Apr. 82	do	15 Mar. 89
	2	2	Ohio	29 Sept. 70	do	do	1 Feb. 82	do	28 Sept. 88
	1	11	Indiana	22 Sept. 71	do	do	4 Feb. 82	do	31 Oct. 88
80	2	4	Iowa	26 Sept. 70	do	do	16 Feb. 82	do	15 Jan. 89
	2	10	Illinois	30 Sept. 70	do	do	10 Mar. 82	do	12 Feb. 89
	1	8	Iowa	23 Sept. 70	do	do	1 Apr. 82	do	19 Feb. 89
	3	4	New Hampshire	23 Sept. 71	do	do	2 June 82	do	17 Mar. 89
	1	5	Minnesota	do	do	do	19 June 82	do	23 Mar. 89
85	1	9	Missouri	do	do	do	1 July 82	do	26 Mar. 89
	2	11	New York	13 June 71	do	8 Sept. 76	28 Nov. 82	do	4 May 89
	1	4	Tennessee	30 Sept. 70	do	9 Sept. 76	29 Nov. 82	do	12 May 89
	1	7	Alabama	21 Sept. 70	23 Sept. 75	9 Oct. 76		25 June 83	27 June 89
	1	5	Massachusetts	a16 June 70	21 June 75	24 Dec. 76		21 July 83	4 Aug. 89
90	1	7	Illinois	30 Sept. 70	do	11 July 77		24 Aug. 83	9 Sept. 89
	2	7	Tennessee	13 June 71	17 Sept. 75	3 Aug. 77		13 Oct. 83	24 Oct. 80
	1	9	North Carolina	12 June 71	21 June 75	21 Nov. 77		16 Nov. 83	3 Jan. 80
	1	0	Pennsylvania	13 June 72	20 June 76	25 Nov. 77		10 Jan. 84	28 Feb. 99
	3	0	At large	8 June 72	do	do		9 Feb. 84	do
95	1	0	Illinois	27 Sept. 72	do	do		14 July 84	5 Mar. 90
	2	5	Ohio	6 June 72	do	26 Nov. 77		2 Sept. 84	do
	1	2	Virginia	do	do	1 Dec. 77		3 Nov. 84	31 July 90
	2	3	New York	22 Sept. 71	do	11 Dec. 77		2 Dec. 84	20 Sept. 90
	3	3	New York	6 June 72	do	14 Dec. 77		26 Dec. 84	15 Oct. 90
100	2	0	Vermont	14 June 72	do	26 Feb. 78		25 Feb. 85	5 Dec. 90
	3	8	Tennessee	8 June 72	do	26 Apr. 78		2 June 85	27 Jan. 91
	1	9	Ohio	16 Oct. 72	do	9 May 78		15 June 85	19 Feb. 91
	2	0	Arkansas	22 Sept. 71	do	5 Feb. 79		20 Jan. 86	2 Aug. 91
	2	7	At large	6 June 72	do	12 July 78		2 Aug. 85	14 May 91
105	1	9	Connecticut	13 June 72	do	22 July 78		2 Oct. 85	19 May 91
	3	4	At large	8 June 72	do	23 Oct. 78		1 Dec. 85	20 May 91
	1	2	New York	9 June 71	do	30 Nov. 78		1 Jan. 86	29 May 91
	1	5	Arizona Territory	22 Sept. 71	do	13 Jan. 79		17 Jan. 86	30 June 91
	1	11	At large	9 June 71	do	29 Mar. 79		4 Mar. 86	4 Aug. 91
110	1	11	Virginia	8 June 72	do	10 July 79		19 Apr. 86	27 Sept. 91
	2	4	Pennsylvania	24 Sept. 72	20 June 76		2 Aug. 79	6 May 86	2 Oct. 91
	3	7	North Carolina	26 Sept. 72	do		1 July 78	13 May 86	5 Nov. 91
	1	11	Virginia	23 Sept. 72	do		1 Nov. 79	19 May 86	20 Nov. 91
	2	3	Kentucky	10 June 72	do		do	23 May 86	11 Dec. 91
115	1	8	New Jersey	10 June 71	do		2 Jan. 80	do	16 Dec. 91
	1	6	Illinois	26 Sept. 71	23 Sept. 76		22 Jan. 80	26 June 86	10 Jan. 92
	1	8	Missouri	21 Sept. 71	20 June 76		24 Feb. 80	1 July 86	3 Apr. 92
	1	7	At large	25 Sept. 72	do		10 Mar. 80	5 Aug. 86	5 May 92
	1	1	New York	25 Sept. 73	18 June 79		13 Mar. 80	7 Oct. 86	28 May 92
120	2	10	Georgia	29 Sept. 73	do		26 Nov. 80	21 Apr. 87	24 Aug. 92
	1	1	Wisconsin	7 June 73	do		18 Mar. 80	9 Nov. 86	29 May 92
	2	9	Michigan	24 Sept. 73	do		11 July 80	14 Dec. 86	30 June 92
	0	11	Missouri	12 June 73	do		do	26 Jan. 87	1 July 92
	1	0	Maine	10 June 73	do		11 Oct. 80	1 Mar. 87	do
125	1	8	New York	9 June 73	do		23 Nov. 80	6 Mar. 87	21 July 92
	2	1	Massachusetts	24 Sept. 73	do		1 Jan. 81	21 May 87	4 Dec. 92
	2	0	Tennessee	12 June 73	do		do	26 May 87	9 Jan. 93
	1	4	North Carolina	10 June 73	do		10 Jan. 81	30 June 87	25 Jan. 93
	1	10	Mississippi	25 Sept. 73	do		24 Feb. 81	do	7 Feb. 93
130	1	7	Rhode Island	9 June 73	do		12 Mar. 81	1 July 87	17 Feb. 93
	1	5	Indiana	10 June 73	do		28 Mar. 81	25 Aug. 87	25 Feb. 93
	1	2	Massachusetts	24 Sept. 73	do		22 Apr. 81	4 Sept. 87	27 Apr. 93
	2	1	Wisconsin	10 June 73	do		17 May 81	1 Nov. 87	9 May 93
	1	6	At large	do	do		1 June 81	31 Mar. 88	15 May 93
135	2	10	At large	26 Sept. 72	do		11 June 81	22 May 88	10 June 93
	3	1	Tennessee	10 June 73	do		14 Dec. 80	21 May 87	18 Nov. 92
	0	9	Georgia	23 Sept. 72	do		27 July 81	28 May 88	27 June 93
	1	3	Kentucky	7 June 73	do		30 Aug. 81	1 June 88	do

a Entered as midshipman; title changed to cadet midshipman by act of Congress approved July 15, 1870, but no new appointment issued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	360	Frank M. Bostwick	Charleston	10 May 98	July 96	3	8	15	9	7	9
140	361	James H. Oliver	Torpedo station	13 Feb. 98	Dec. 97	3	0	16	0	7	11
	362	Harry M. Dombaugh	Training-ship Adams	15 July 96	July 93	2	5	14	4	9	0
	363	Simon Cook	Princeton	27 May 98	Sept. 97	3	6	14	7	8	7
	364	Thomas S. Rodgers	Monterey	19 May 97	May 95	3	2	13	3	10	0
	365	John G. Quinby	Nashville	12 Jan. 97	June 94	2	7	14	3	9	1
145	366	James H. Glennon	Naval Station, Havana, Cuba	21 Dec. 98	Dec. 98	2	10	12	10	10	2
	367	Percival J. Werlich	Olympia	— Dec. 98	Oct. 96	2	10	12	9	10	6
	368	William R. Rush	Brooklyn	1 Dec. 96	Dec. 93	2	1	15	0	9	1
	369	Harry P. Huse	Naval Academy	29 Sept.98	Sept. 98	3	6	13	0	9	7
	370	Harry S. Knapp	Naval Academy	22 Sept.98	....do	3	3	11	10	11	0
150	371	William L. Rodgers	Navy-yard, Washington	3 Nov. 98	Oct. 98	2	9	11	4	10	11
	372	Roy C. Smith	Inspection duty (Bu. Eq.)	14 Nov. 98	Nov. 98	3	3	11	9	10	7
	373	Albert N. Wood	Petrel	16 Dec. 96	Jan. 94	2	1	14	6	8	0
	374	Edward Lloyd, jr	Solace	30 Apr. 98	Aug. 96	3	0	13	0	10	7
	375	Richard M. Hughes	Machias	28 May 95	June 92	3	7	16	7	6	9
155	376	Charles N. Atwater	Naval Academy	26 Sept.98	Sep. 98	3	1	12	9	11	6
	377	John H. L. Holcombe	Manila	8 Dec. 96	Aug. 96	2	7	11	0	12	1
	378	William L. Burdick	Lancaster	29 Apr. 98	May 97	3	6	17	10	5	9
	379	Harry Kimmell	Monterey	26 Feb. 96	Nov. 95	3	7	15	3	6	1
	380	George R. Clark	Yorktown	17 Mar. 98	Sept. 95	2	1	15	9	7	2
160	381	George H. Stafford	Receiving-ship Pensacola	1 Dec. 98	Nov. 98	2	7	14	4	7	4
	382	Allen G. Rogers	Monadnock	15 Nov. 94	July 94	4	1	16	10	5	9
	383	William P. White	Indiana	15 Mar. 98	July 96	2	7	15	2	7	3
	384	John H. Shipley	Naval Academy	30 Aug.98	Aug. 98	2	11	14	3	7	5
	385	John E. Craven	Yosemite	27 July 97	Mar. 95	2	1	14	6	8	3
165	386	James H. Hetherington	Receiving-ship Independence	15 Sept.98	Sept. 98	2	1	15	5	6	4
	387	John J. Knapp	Navy-yard, Washington	10 Oct. 98	Oct. 98	2	0	10	10	12	1
	388	Augustus C. Almy	New York	12 Nov. 97	Feb. 96	2	1	15	2	9	8
	389	John Hood	Topeka	27 July 97	June 95	1	7	12	0	10	11
	390	Le Roy M. Garrett	Navy-yard, New York	19 Sept.98	Sept. 98	3	3	15	1	7	10
170	391	Charles C. Marsh	Waiting orders	— Dec. 98	Dec. 98	3	6	12	2	10	2
	392	John B. Blish	Training-ship Vicksburg	15 Apr. 98	Dec. 97	2	11	12	8	8	9
	393	Carl W. Jungen	Br. Hydro. Office, New York	17 Dec. 98	Oct. 98	3	1	14	11	7	4
	394	Charles H. Harlow	Vixen	1 May 97	Apr. 95	1	8	12	6	9	11
	395	William A. Gill	Duty with Farragut	21 Oct. 98	Oct. 98	1	3	12	6	10	2
175	396	Thomas W. Ryan	Navy-yard, New York	14 Nov. 98	Dec. 97	2	9	13	4	8	9
	397	Walter J. Sears	Asst. Ord. Insp., Bliss & Co. Works	16 Sept.98	Aug. 97	1	11	13	6	8	4
	398	John Gibson	Boston	30 July 96	Dec. 93	2	5	11	9	11	11
	399	John A. Bell	Navy-yard, New York	28 July 98	Dec. 97	2	2	14	9	8	7
	400	John A. Dougherty	Navy-yard, New York	9 Sept.98	July 97	1	9	12	4	10	6
180	401	Daniel P. Menefee	Naval Academy	13 Aug.98	Apr. 97	1	3	13	6	9	10
	402	John B. Bernadou	Bureau of Ordnance	19 Aug.98	Aug. 98	0	8	8	10	12	10
	403	John H. Gibbons	Newark	21 May 98	Apr. 97	1	9	11	9	10	5
	404	Thomas Snowden	Dolphin	24 Mar. 98	Nov. 97	1	5	12	2	10	9
	405	Edwin H. Tillman	Naval Academy	15 Sept.97	Sept. 97	1	6	12	3	9	4
185	406	Robert F. Lopez	Duty with Rowan	21 Oct. 98	Nov. 96	0	7	13	9	9	2
	407	Frank W. Kellogg	Baltimore	18 July 96	July 94	2	5	13	9	7	1
	408	John L. Purcell	Sick leave	4 Oct. 98	Oct. 98	1	3	12	7	10	5
	409	Reuben O. Bitler	Branch Hydro. Office, Norfolk	17 Oct. 98	....do	1	3	14	4	8	3
	410	Harry Phelps	Texas	1 Feb. 97	Aug. 94	2	2	13	6	8	3
190	411	Patrick W. Hourigan	Concord	22 May 97	Apr. 95	1	10	12	11	8	2
	412	Homer C. Poundstone	Bureau of Ordnance	10 Oct. 98	Oct. 98	0	5	14	3	9	1
	413	Albert A. Ackerman	Oregon	13 Aug.96	June 93	2	4	11	5	10	4
	414	Albert P. Niblack	Olympia	21 May 98	May 95	0	3	10	6	10	1
	415	William Truxtun	Chicago	15 July 96	June 94	2	2	15	4	6	6
195	416	Stokely Morgan	Returning from Olympia	— Dec. 98	Dec. 98	2	3	12	3	9	8
	417	Francis J. Haeseler	Navy-yard, Washington	15 Aug.98	Aug. 98	1	10	11	9	10	0
	418	Edward Simpson	Brooklyn	1 Feb. 98	May 96	0	11	13	5	8	8
	419	William C. P. Muir	Naval Academy	20 Sept.98	Sept. 98	1	9	11	9	9	9
	420	Edwards F. Leiper	Training-ship Essex	16 Apr. 98	June 96	1	0	12	11	10	1
200	421	Joseph H. Rohrbacher	Inspector of Steel (Bu. Ord.)	4 Jan. 98	Nov. 97	1	0	11	11	9	6
	422	William S. Sims	Attaché, Paris and St. Petersburg	30 Apr. 97	July 96	0	0	12	8	8	0
	423	Miles C. Gorgas	Wheeling	11 Sept.98	May 96	0	4	12	10	9	9
	424	Louis S. Van Duzer	Iowa	28 June 97	Mar. 95	1	6	12	3	8	1
	425	Wilson W. Buchanan	Monterey	2 June 98	Mar. 98	1	9	12	10	9	3
205	426	Augustus N. Mayer	Naval Observatory	16 Sept.98	July 97	0	8	12	2	9	1
	427	Frederick R. Brainard	Inspection duty (Bu. Eq.)	8 Nov. 98	Oct. 98	1	7	13	2	8	8
	428	William E. Safford	Iris	17 Apr. 98	Apr. 97	0	9	9	0	12	0
	429	William J. Maxwell	Commanding Sylph	22 Oct. 94	July 92	1	6	13	1	9	9
	430	Franklin Swift	Sick leave	29 July 98	July 98	1	3	15	2	7	0
210	431	John F. Luby	Tr. ship and sta., Newport	22 Oct. 98	Sept. 98	1	4	15	4	7	7
	432	Lewis J. Clark	Detroit	8 June 97	Feb. 95	1	7	14	7	6	5
	433	Theodore G. Dewey	Training-ship Essex	22 June 96	Nov. 94	1	6	13	8	8	1
	434	Hugh Rodman	Raleigh	29 Apr. 97	Nov. 95	1	6	14	2	8	2

Number in grade.	Unemployed. Yr.	Unemployed. Mo.	Appointed from—	Entry and promotions. Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Lieutenant (junior grade).	Lieutenant.
	1	10	Wisconsin	20 Sept. 73	18 June 79		30 Aug. 81	19 June 88	27 June 93
140	1	7	Georgia	16 June 73	do		1 Oct. 81	28 Sept. 88	4 July 93
	3	3	Ohio	8 June 72	do		12 Oct. 81	15 Jan. 89	do
	2	5	Missouri	10 June 73	do		15 Nov. 81	15 Mar. 89	27 Sept. 93
	1	0	At large	24 Sept. 74	4 June 80		1 Dec. 81	23 Mar. 89	1 Oct. 93
	1	3	At large	12 June 74	do		1 Feb. 82	26 Mar. 89	5 Nov. 93
145	1	3	California	24 Sept. 74	do		4 Feb. 82	do	26 Dec. 93
	2	3	Wisconsin	9 June 73	18 June 79		6 Nov. 81	19 Feb. 89	15 Sept. 93
	2	6	Louisiana	10 June 72	do		15 Oct. 81	11 Feb. 89	26 Dec. 93
	1	9	New York	30 Sept. 74	4 June 80		2 June 82	27 June 89	13 May 94
	0	8	Connecticut	26 June 74	do		16 Feb. 82	31 Mar. 89	23 Jan. 94
150	2	3	California	11 June 74	do		1 Apr. 82	4 May 89	4 Feb. 94
	1	11	Virginia	3 Oct. 74	do		8 Apr. 82	12 May 89	22 Feb. 94
	2	8	Indiana	25 Sept. 73	do		15 Apr. 82	15 May 89	11 Apr. 94
	1	0	Maryland	17 June 74	do		11 May 82	13 June 89	16 Apr. 94
	1	0	Pennsylvania	25 Sept. 74	do		19 June 82	4 Aug. 89	22 June 94
155	1	1	New York	26 Sept. 73	do		10 June 82	9 Sept. 89	do
	1	4	Georgia	27 June 74	do		1 July 82	24 Oct. 89	10 July 94
	1	9	Ohio	27 Sept. 73	18 June 79		28 Nov. 82	3 Jan. 90	21 July 94
	2	11	Pennsylvania	28 Sept. 74	4 June 80		19 Dec. 82	7 Jan. 90	31 July 94
	1	8	Ohio	9 June 74	do	3 Mar. 83	24 Aug. 83	16 Feb. 90	19 Aug. 94
160	2	10	Iowa	10 June 74	do	do	13 Oct. 83	28 Feb. 90	7 Sept. 94
	2	0	North Carolina	12 June 74	do	do	1 Dec. 83	do	16 Sept. 94
	2	1	At large	30 June 74	do	do	9 Feb. 84	5 Mar. 90	30 Sept. 94
	2	7	Missouri	30 Sept. 74	do	do	16 Apr. 84	do	11 Nov. 94
	1	6	At large	24 Sept. 74	do	do	26 June 84	31 July 90	6 Dec. 94
165	2	10	Iowa	9 June 74	do	do	do	20 Sept. 90	9 Dec. 94
	1	8	Missouri	do	do	do	do	15 Oct. 90	2 Feb. 95
	1	9	At large	7 June 72	do	do	do	28 Oct. 90	1 Mar. 95
	1	0	Alabama	10 Sept. 75	10 June 81	do	do	5 Dec. 90	28 Apr. 95
	0	5	New York	18 Sept. 75	do	do	do	19 Feb. 91	21 May 95
170	0	4	Indiana	do	do	do	do	14 May 91	7 June 95
	1	9	Indiana	do	do	do	do	19 May 91	15 June 95
	2	0	Wisconsin	24 Sept. 74	do	do	do	20 May 91	1 Aug. 95
	0	10	New York	18 Sept. 75	do	do	do	29 May 91	1 Sept. 95
	0	9	Pennsylvania	24 June 75	do	do	do	25 June 91	4 Oct. 95
175	3	6	Pennsylvania	16 June 73	4 June 80	do	2 May 84	31 July 91	12 Oct. 95
	1	7	Pennsylvania	24 June 75	10 June 81	do	26 June 84	4 Aug. 91	5 Nov. 95
	0	10	Kentucky	9 June 74	do	do	do	27 Sept. 91	28 Dec. 95
	1	3	West Virginia	13 June 74	do	do	do	2 Oct. 91	29 Dec. 95
	1	8	Missouri	12 June 74	do	do	do	5 Nov. 91	5 Jan. 96
180	0	11	California	25 Sept. 74	do	do	do	11 Dec. 91	18 Feb. 96
	0	7	At large	22 Sept. 76	22 June 82	do	do	1 July 92	21 June 96
	1	1	Michigan	18 Sept. 75	10 June 81	do	do	16 Dec. 91	28 Feb. 96
	0	8	New York	25 June 75	do	do	do	10 Jan. 92	11 Mar. 96
	1	8	Tennessee	18 Sept. 75	do	do	do	3 Apr. 92	12 Mar. 96
185	1	4	Tennessee	29 Sept. 74	do	do	do	16 Apr. 92	1 Apr. 96
	2	8	Connecticut	24 June 75	do	do	do	5 May 92	3 Apr. 96
	2	3	New Jersey	30 Sept. 73	do	do	do	28 May 92	29 Apr. 96
	1	0	Pennsylvania	24 June 75	do	do	do	29 May 92	do
	0	6	New Jersey	22 Sept. 76	22 June 82	do	do	19 June 92	10 May 96
190	0	6	New York	24 June 76	do	do	do	30 June 92	12 June 96
	0	11	West Virginia	24 Sept. 74	do	do	do	1 July 92	4 July 96
	0	9	New Jersey	24 June 76	do	do	do	21 July 92	4 Sept. 96
	1	9	Indiana	22 Sept. 76	do	do	do	24 Aug. 92	5 Sept. 96
	0	8	At large	24 June 76	do	do	do	18 Nov. 92	do
195	0	7	Arkansas	do	do	do	do	4 Dec. 92	1 Oct. 96
	0	6	Pennsylvania	22 Sept. 76	do	do	do	9 Jan. 93	1 Oct. 96
	0	5	At large	24 June 76	do	do	do	25 Jan. 93	11 Nov. 96
	1	1	Kentucky	do	do	do	do	7 Feb. 93	0 Nov. 96
	0	6	Pennsylvania	25 June 75	do	do	do	25 Feb. 93	18 Nov. 96
200	1	1	Pennsylvania	24 June 76	do	do	do	7 Mar. 93	16 Dec. 96
	1	10	Pennsylvania	do	do	do	do	9 May 93	1 Jan. 97
	0	9	At large	18 Sept. 75	do	do	do	15 May 93	5 Jan. 97
	1	11	New York	22 Sept. 76	do	do	do	10 June 93	do
	1	6	Ohio	25 June 75	do	do	do	27 June 93	29 Jan. 97
205	1	3	Iowa	24 June 76	do	do	do	do	24 Feb. 97
	0	7	Illinois	do	do	do	do	do	14 Mar. 97
	1	3	Ohio	22 Sept. 76	do	do	do	4 July 93	21 Mar 97
	1	8	At large	9 June 74	do	do	do	do	6 Apr. 97
	2	4	Massachusetts	do	do	do	do	do	29 Mar. 97
210	0	7	New York	25 June 75	do	do	do	22 July 93	16 May 97
	1	3	Alabama	22 Sept. 76	do	do	do	15 Sept. 93	4 June 97
	1	9	South Carolina	25 June 75	do	do	do	27 Sept. 93	19 June 97
	0	11	Kentucky	18 Sept. 75	do	do	do	1 Oct. 93	13 July 97

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	435	John A. Hoogewerff	Cincinnati	27 July 97	July 95	1	5	10	3	10	11
215	436	Edward E. Capehart	New York	15 Apr. 96	June 93	1	4	11	1	9	6
	437	Henry B. Wilson	Indiana	2 Sept. 96	Oct. 93	1	3	12	1	9	6
	438	George P. Blow	Ordered to Naval Academy	15 Dec. 98	Dec. 98	1	2	11	6	9	11
	439	Spencer S. Wood	Massachusetts	23 Sept. 97	May 95	1	3	10	7	9	6
	440	Guy W. Brown	Philadelphia	23 June 96	July 95	1	3	15	4	5	11
220	441	William B. Fletcher	Inspection duty (Bu. Ord.)	18 Nov. 98	Nov. 98	1	1	13	3	7	1
	442	Marbury Johnston	Justin	28 Aug. 97	May 95	1	2	13	0	6	7
	443	William B. Whittelsey	Inspection duty (Bu. Ord.)	5 Jan. 98	Dec. 97	0	0	11	4	8	6
	444	Edwin A. Anderson	Commanding Sandoval	11 Apr. 96	Oct. 93	0	9	13	0	6	1
	445	Joseph L. Jayne	Commanding Peoria	2 Apr. 98	Oct. 96	0	9	8	11	9	2
225	446	James G. Doyle	Brooklyn	1 Dec. 96	Mar. 94	0	11	11	2	9	7
	447	Albert L. Key	Attaché Tokio and Pekin	8 Nov. 98	Sept. 98	0	4	11	11	8	8
	448	William L. Howard	Boston	18 Nov. 95	Apr. 93	0	10	10	3	9	2
	449	Wiley R. M. Field	Montgomery	23 Apr. 95	....do ...	0	10	12	7	7	3
	450	John M. Poyer	Navy-yard, Washington	2 Sept. 98	Sept. 98	0	4	12	0	8	11
230	451	Charles P. Eaton	Asst. Br. Hydro. Office, New York	2 Nov. 98	....do ...	0	5	12	4	5	8
	452	John M. Ellicott	Baltimore	31 Oct. 96	Aug. 94	0	8	10	11	8	0
	453	Harry George	Naval Academy	26 Sept. 98	Mar. 98	0	0	11	11	7	0
	454	Frederick L. Chapin	Indiana	16 May 98	Jan. 98	0	7	12	1	6	4
	455	Harry A. Field	Philadelphia	1 July 96	Mar. 96	0	7	12	1	6	3
235	456	Chester M. Knepper	School-ship St. Mary's	1 Nov. 98	Oct. 98	0	5	10	2	7	4
	457	Clarence S. Williams	Commanding Gwin	5 Apr. 98	July 96	0	7	9	4	7	11
	458	Albert M. Beecher	Inspector of Ordnance, Cramp's	17 Oct. 98	Feb. 98	0	0	11	2	6	2
	459	Frank K. Hill	Bureau of Equipment	2 Sept. 98	Aug. 98	0	2	9	9	7	4
	460	Roger Welles, jr.	School-ship Enterprise	19 Feb. 98	Jan. 97	0	3	10	8	7	5
240	461	John D. McDonald	Monterey	24 Jan. 98	July 96	0	5	12	10	4	8
	462	Walter O. Hulme	Navy-yard, Pensacola	27 Aug. 98	Aug. 98	0	1	11	10	5	11
	463	Henry E. Parmenter	Nero	2 Mar. 96	Apr. 94	0	5	11	9	5	10
	464	Hilary P. Jones, jr.	Chicago	25 May 98	June 97	0	2	11	1	6	9
	465	William R. Shoemaker	Commanding Talbot	4 Apr. 98	June 96	0	3	10	7	7	8
245	466	Isaac K. Seymour	Bureau of Ordnance	21 June 97	June 97	0	0	10	7	7	1
	467	Charles M. Fahs	Training ship Essex	27 July 97	Feb. 96	0	2	10	1	7	3
	468	Charles P. Plunkett	Petrel	22 Oct. 96	Dec. 94	0	2	9	9	8	10
	469	Humes H. Whittlesey	Bureau of Navigation	8 June 96	Apr. 96	0	0	8	0	9	5
	470	Albert C. Dieffenbach*	Works E. W. Bliss & Co.	1 Apr. 98	Mar. 98	0	0	8	8	7	10
250	471	Theodore C. Fenton*	Asst. to Bu. Ordnance	9 July 98	July 96	0	0	7	8	8	11

LIEUTENANTS (JUNIOR GRADE), ACTIVE LIST (76).

						Ys	Ms	Ys	Ms	Ys	Ms
	472	~~Volney O.~~ Chase	Detroit	1 Sept. 97	Oct. 95	1	4	10	9	6	0
	473	~~George R. Slocum~~	Charleston	14 Apr. 96	July 94	2	9	11	4	5	5
	474	~~William G. Miller~~	Philadelphia (staff)	1 Mar. 95	Jan. 93	2	6	11	2	5	3
	475	~~George W. Kline~~	Training-ship Annapolis	29 Nov. 97	May 95	2	2	10	6	5	11
5	476	John P. McGuinness	Fish Com. steamer Albatross	17 May 98	Feb. 98	2	6	11	6	5	2
	477	Joseph Strauss	Lancaster	8 Dec. 96	June 93	2	1	10	2	6	8
	478	Charles S. Stanworth	Baltimore	24 Dec. 95	Dec. 93	2	6	11	2	5	7
	479	Robert L. Russell	Receiving-ship Vermont	24 Dec. 98	Oct. 98	2	6	11	8	5	6
	480	Harrison A. Bispham	Texas	20 May 96	May 93	2	8	10	4	6	4
10	481	Armistead Rust	Princeton	18 Nov. 97	Oct. 96	1	6	9	1	6	7
	482	George R. Evans	Returning from Cæsar	— Dec. 98	Dec. 98	1	10	10	6	6	6
	483	Edward W. Eberle	Oregon	15 July 96	July 94	2	6	11	0	5	9
	484	Charles M. McCormick	Concord	4 Jan. 98	June 96	1	0	11	4	5	6
	485	Glennie Tarbox	Iowa	16 June 97	May 96	1	6	10	4	6	3
15	486	William W. Gilmer	Vulcan	17 Apr. 98	Nov. 97	1	11	12	3	5	0
	487	Robert E. Coontz	Charleston	3 Mar. 96	Oct. 93	2	4	10	10	5	6
	488	William H. G. Bullard	Naval Academy	20 Sept. 98	Sept. 98	2	0	9	8	6	3
	489	Webster A. Edgar	Yankton	2 July 98	Oct. 97	1	7	9	4	6	7
	490	Joseph W. Oman	Helena	13 June 97	Dec. 94	1	7	9	7	6	7
20	491	Philip Andrews	Insp. Ord. So. Bethlehem	19 Nov. 98	Oct. 98	1	11	10	2	5	11
	492	William H. Faust	Naval Academy	30 Aug. 98	Aug. 97	0	9	9	1	5	9
	493	Harold K. Hines	Navy-yard, New York	16 Sept. 98	Sept. 98	1	4	9	6	6	2
	494	Ryland D. Tisdale	Navy-yard, Washington	20 Jan. 98	Dec. 97	1	0	9	4	6	9

* Subject to confirmation.

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry and promotions. Cadet Midshipman.	Midshipman.	Naval Cadet.	Ensign (junior grade).	Ensign.	Lieutenant (junior grade).	Lieutenant.
	0	4	At large	27 June 77		5 Aug. 82	1 July 84	26 June 84	5 Nov. 93	21 July 97
215	0	11	Ohio	do		do	do	do	26 Dec. 93	28 Aug. 97
	0	8	New Jersey	22 Sept. 76		do	do	do	2 Feb. 94	16 Sept. 97
	0	10	Virginia	do		do	do	do	22 Feb. 94	do
	0	5	New York	28 June 78		do		1 July 84	11 Apr. 94	do
	2	3	Indiana	24 June 75	22 June 82		3 Mar. 83	26 June 84	16 Apr. 94	26 Sept. 97
220	0	11	Vermont	22 Sept. 77		5 Aug. 82		1 July 84	13 May 94	29 Oct. 97
	0	8	Georgia	30 Sept. 78		do		do	22 June 94	7 Nov. 97
	0	8	New York	28 June 78		do		do	do	5 Dec. 97
	1	5	North Carolina	do		do		do	30 Sept. 94	28 Mar. 98
	2	5	Mississippi	do		do		do	10 July 94	17 Dec. 97
225	0	9	Pennsylvania	27 June 77		do		do	21 July 94	25 Jan. 98
	0	11	Tennessee	do		do		do	19 Aug. 94	6 Feb. 98
	1	10	Connecticut	22 Sept. 77		do		do	7 Sept. 94	10 Mar. 98
	0	8	Virginia	28 June 78		do		do	16 Sept. 94	14 Mar. 98
	0	8	At large	27 June 77		do		do	11 Nov. 94	8 Apr. 98
230	1	3	Wisconsin		1 Oct. 79	do		1 July 85	6 Dec. 94	13 Apr. 98
	0	4	Maryland		do	do		do	9 Dec. 94	23 Apr. 98
	0	7	Michigan	16 June 79		do		do	14 Feb. 95	27 Apr. 98
	0	10	Illinois	29 Sept. 79		do		do	1 Mar. 95	do
	0	11	Virginia		1 Oct. 79	do		do	23 Apr. 95	1 May 98
235	0	9	Pennsylvania		1 Oct. 80	do		1 July 86	28 Apr. 95	11 May 98
	1	0	Ohio	25 Sept. 80		do		do	10 May 95	27 May 98
	1	8	Iowa	11 June 80		do		do	7 June 95	5 June 98
	1	1	Ohio		1 Oct. 80	do		do	15 June 95	7 June 98
	0	3	Connecticut	25 Sept. 80		do		do	1 Aug. 95	3 July 98
240	0	9	Nevada	9 Oct. 80		do		do	1 Sept. 95	17 July 98
	0	6	New Jersey		1 Oct. 80	do		do	4 Oct. 95	10 Aug. 98
	0	7	Rhode Island		do	do		do	12 Oct. 95	do
	0	5	Virginia	25 Sept. 80		do		do	16 Oct. 95	do
	0	3	New Mexico	14 June 80		do		do	29 Oct. 95	6 Oct. 98
245	0	8	Maine	25 Sept. 80		do		do	5 Nov. 95	9 Oct. 98
	0	11	Alabama		1 Oct. 80	do		do	do	15 Nov. 98
	0	7	Dist. of Columbia	3 Oct. 79		do		do	do	do
	0	10	Indiana		1 Oct. 80	do		do	28 Dec. 95	22 Nov. 98
	0	9	Pennsylvania		1 Oct. 81	do		1 July 87	29 Dec. 95	9 Dec. 98
250	0	8	Pennsylvania	3 Oct. 79		do		do	5 Jan. 96	25 Dec. 98

LIEUTENANTS (JUNIOR GRADE), ACTIVE LIST (76).

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Ensign.	Lieutenant (junior grade).
	0	5	Louisiana	1 Oct. 81		5 Aug. 82	1 July 87	18 Feb. 96
	0	6	Illinois		28 Sept. 81	do	do	28 Feb. 96
	0	10	Virginia	1 Oct. 81		do	do	11 Mar. 96
	0	10	New Jersey	do		do	do	12 Mar. 96
5	0	7	Idaho		28 Sept. 81	do	do	1 Apr. 96
	0	5	Virginia	1 Oct. 81		do	do	3 Apr. 96
	0	6	Virginia	do		do	do	29 Apr. 96
	0	4	Georgia		14 June 81	do	do	do
	0	7	Pennsylvania	1 Oct. 81		do	do	4 May 96
10	1	6	Virginia	do		do	do	10 May 96
	0	3	Massachusetts	do		do	do	9 June 96
	0	6	Arkansas		28 Sept. 81	do	do	12 June 96
	0	5	Virginia	1 Oct. 81		do	do	21 June 96
	0	8	South Carolina		1 Oct. 81	do	do	4 July 96
15	1	3	Virginia		16 June 80	do	do	4 Sept. 96
	0	11	Missouri		28 Sept. 81	do	do	5 Sept. 96
	0	3	Pennsylvania			28 Sept. 82	1 July 88	do
	1	4	New York		28 Sept. 81	5 Aug. 82	do	1 Oct. 96
	0	4	Pennsylvania		17 June 82	do	do	11 Oct. 96
20	0	3	New Jersey			28 Sept. 82	do	1 Nov. 96
	1	5	Ohio			do	do	10 Nov. 96
	0	7	Kentucky			2 Oct. 82	do	18 Nov. 96
	0	3	Kentucky			28 Sept. 82	do	6 Dec. 96

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	495	Samuel M. Strite	Returning from Olympia	— Dec. 98	Dec. 98	2	0	10	10	4	11
25	496	George F. Cooper	Naval Academy	20 Sept. 98	Mar. 97	0	3	8	5	7	4
	497	Edward T. Witherspoon	Topeka	13 Nov. 97	July 96	1	2	10	10	4	5
	498	Benton C. Decker	Panther	5 Feb. 96	Feb. 94	1	10	8	8	6	0
	499	Mark L. Bristol	Texas	1 Dec. 96	Nov. 94	1	10	10	5	4	9
	500	Benjamin W. Wells, jr.	Navy-yard, Norfolk	8 Dec. 98	Nov. 98	1	8	9	2	6	0
30	501	Newton A. McCully	Duty with Fox	25 Sept. 98	Sept. 98	1	5	8	11	6	3
	502	Levi C. Bertolette	Amphitrite	10 June 96	Nov. 93	1	8	9	8	5	1
	503	George W. Logan	Buffalo	22 Sept. 98	Jan. 98	0	11	8	10	5	9
	504	Edward Moale, jr	Helena	7 July 97	Apr. 95	1	6	9	10	6	0
	505	Henry F. Bryan	Newark	21 May 98	Sept. 97	0	10	8	11	6	2
35	506	Andrew T. Long	School-ship Saratoga	11 Nov. 98	Nov. 98	1	4	9	10	5	6
	507	Edward H. Durell	Wheeling	15 July 96	July 94	1	5	9	9	5	4
	508	Archibald H. Scales	Topeka	12 May 98	Dec. 97	0	11	9	5	5	7
	509	Ford H. Brown	Philadelphia	28 Dec. 95	Sept. 93	1	1	9	6	5	9
	510	Victor Blue	Commanding Alvarado	9 Apr. 98	July 96	0	9	8	9	5	10
40	511	Clarence M. Stone	Naval Academy	3 Sept. 98	Aug. 98	0	8	8	11	5	10
	512	Thomas Washington	Indiana	31 Oct. 94	Nov. 92	1	1	9	5	5	4
	513	Francis Boughter	Yosemite	11 Sept. 97	June 97	1	3	10	5	4	4
	514	Archibald H. Davis	School-ship Saratoga	7 Dec. 98	Sept. 98	0	10	8	11	6	0
	515	Guy H. Burrage	Navy-yard, Mare Island	15 Dec. 98	Dec. 98	1	2	9	2	5	4
45	516	Frank M. Russell	Sick leave	26 Aug. 98	Aug. 98	0	8	9	2	5	5
	517	Frank Marble	New York	13 Nov. 96	Feb. 94	0	11	7	11	5	7
	518	Ashley H. Robertson	Castine	29 July 96	Apr. 94	0	11	7	10	5	7
	519	Carlo B. Brittain	Naval Academy	4 Sept. 98	Sept. 98	0	3	8	9	4	9
	520	Casey B. Morgan	Raleigh	1 Dec. 95	Oct. 93	0	10	8	9	4	8
50	521	William M. Crose	Newport News, Va	29 Dec. 98	Nov. 98	0	8	8	7	4	11
	522	John F. Hubbard	Training-ship and sta., Newport	22 Oct. 98	Oct. 98	0	7	8	0	5	4
	523	Marcus L. Miller	Nero	20 Feb. 96	Dec. 93	0	9	8	2	5	5
	524	Lloyd H. Chandler	Insp'n duty (Bu. Equip. and Ord.)	9 Nov. 98	Oct. 98	0	6	8	1	5	3
	525	George N. Hayward	Baltimore	26 May 96	Feb. 96	0	9	10	4	3	6
55	526	Samuel S. Robison	Boston	18 Nov. 95	Nov 93	0	8	8	3	5	5
	527	Henry K. Benham	Marietta	1 Sept. 97	Dec. 95	0	8	8	5	5	3
	528	Charles F. Hughes	Monterey	19 Oct. 96	Feb. 96	0	8	9	6	3	10
	529	Albert L. Norton	Iowa	11 Mar. 98	May 95	0	8	8	0	5	10
	530	James H. Reid	Training-ship and sta., Newport	5 Oct. 98	Sept. 98	0	5	8	2	5	5
60	531	Henry A. Wiley	School-ship St. Mary's	3 Nov. 98	Aug. 98	0	3	8	7	6	2
	532	Frederic B. Bassett	Marietta	10 July 96	Aug. 94	0	7	8	7	5	4
	533	Herbert G. Gates	Castine	8 Dec. 96	Mar. 94	0	7	8	8	4	4
	534	Richard H. Jackson	Naval Academy	13 Sept. 98	Sept. 98	0	2	7	6	6	3
	535	Arthur Bainbridge Hoff	Naval Academy	1 Oct. 98	Nov. 97	0	0	7	0	5	8
65	536	Nathan C. Twining	Iowa	16 June 97	Nov. 94	0	5	7	0	5	10
	537	Benjamin F. Hutchison	Monocacy	30 July 96	July 95	0	5	8	5	4	6
	538	Sumner E. W. Kittelle	Dolphin	31 Mar. 98	Nov. 97	0	5	7	6	5	7
	539	William V. Pratt	Mayflower	20 July 97	July 95	0	5	7	5	5	7
	540	George R. Marvell	Yankton	27 July 96	Nov. 94	0	3	7	3	4	11
70	541	Thomas P. Magruder	Nashville	30 Apr. 96	July 94	0	3	7	11	4	11
	542	William D. MacDougall	Lancaster	17 Nov. 96	Apr. 95	0	2	8	7	4	5
	543	George B. Bradshaw	Callao	16 Feb. 98	Dec. 96	0	2	8	2	4	5
	544	Louis R. de Steiguer	Montgomery	28 Dec. 96	Nov. 94	0	1	7	7	5	2
	545	William W. Phelps	Bureau of Navigation	5 Oct. 98	Sept. 98	0	0	8	10	4	8
75	546	Louis A. Kaiser	Concord	21 Dec. 96	Aug. 94	0	0	8	6	4	5
		NOT IN THE LINE OF PROMOTION.									
	547	Robert Platt	Special duty, Fish Commission	28 June 95	June 95	6	3	a20	2	a12	2

a Includes service in Volunteer Navy.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.				
				Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Ensign.	Lieutenant (junior grade).
	Ys	Ms						
	0	6	Maryland			28 Sept. 82	1 July 88	1 Jan. 97
25	0	9	Pennsylvania			do	do	5 Jan. 97
	1	0	Connecticut			do	do	29 Jan. 97
	1	0	Illinois			17 May 83	1 July 89	24 Feb. 97
	0	5	New Jersey			19 May 83	do	14 Mar. 97
	0	5	Illinois			17 May 83	do	21 Mar. 97
30	0	5	South Carolina			19 May 83	do	6 Apr. 97
	0	6	Delaware			4 Sept. 83	do	29 Apr. 97
	0	9	Ohio			3 Sept. 83	do	16 May 97
	0	8	Montana		17 June 82	5 Aug. 82	do	4 June 97
	0	6	Ohio			2 May 83	do	19 June 97
35	0	3	North Carolina			17 May 83	do	13 July 97
	0	7	Massachusetts			do	do	21 July 97
	0	8	North Carolina			19 May 83	do	28 Aug. 97
	0	5	Iowa			17 May 83	do	16 Sept. 97
	0	9	South Carolina			do	a 12 Dec. 92	5 Dec. 97
40	0	7	Indiana			25 Sept. 83	1 July 89	16 Sept. 97
	0	10	North Carolina			17 May 83	do	do
	0	11	Pennsylvania			do	do	26 Sept. 97
	0	8	North Carolina			do	do	29 Oct. 97
	0	10	Massachusetts			6 Sept. 83	do	7 Nov. 97
45	1	1	Pennsylvania			19 May 83	do	17 Dec. 97
	0	10	New York			4 Sept. 84	1 July 90	25 Jan. 98
	0	11	Illinois			do	do	1 Feb. 98
	1	2	Kentucky			19 May 84	do	6 Feb. 98
	0	11	Mississippi			4 Sept. 84	do	16 Feb. 98
50	1	2	Indiana			19 May 84	do	10 Mar. 98
	1	0	New York			5 Sept. 84	do	14 Mar. 98
	0	9	Massachusetts			4 Sept. 84	do	28 Mar. 98
	1	0	New Hampshire			do	do	8 Apr. 98
	0	9	New York			19 May 84	do	13 Apr. 98
55	0	8	Pennsylvania			4 Sept. 84	do	23 Apr. 98
	0	11	New York			19 May 84	do	27 Apr. 98
	1	0	Maine			6 Sept. 84	do	do
	0	9	Ohio			23 May 84	do	1 May 98
	0	9	Virginia			4 Sept. 84	do	11 May 98
60	0	11	Texas			17 May 83	do	27 May 98
	0	8	New York			19 May 84	do	5 June 98
	1	4	Michigan			4 Sept. 84	do	7 June 98
	0	10	Alabama			4 June 83	do	3 July 98
	0	6	At large			28 Sept. 85	1 July 91	17 July 98
65	0	5	Wisconsin			4 Sept. 85	do	2 Aug. 98
	0	5	Missouri			5 Sept. 85	do	10 Aug. 98
	0	6	New York			19 May 85	do	do
	0	4	Maine			9 Sept. 85	do	do
	1	1	Massachusetts			7 Sept. 85	do	6 Oct. 98
70	0	6	Mississippi			3 Sept. 85	do	9 Oct. 98
	0	8	New York			19 May 85	do	15 Nov. 98
	0	9	Texas			4 Sept. 85	do	do
	1	1	Ohio			17 Mar. 85	do	22 Nov. 98
	0	1	Maryland			19 May 85	do	9 Dec. 98
75	0	8	Illinois			20 May 85	do	25 Dec. 98
	1	4	District of Columbia			b 1 Mar. 63		3 Mar. 83

a Assistant Engineer 1 July, 1889, to 12 December, 1892. b Master 15 June, 1878.

ENSIGNS, ACTIVE LIST (157).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.	
															Naval Cadet.	Ensign.
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms			
	548	William C. Cole	Dolphin	24 Mar. 98	Nov. 97	5	1	7	4	5	8	0	4	Illinois	5 Sept. 85	1 July 91
	549	Charles A. Brand	Yosemite	17 Aug. 96	Nov. 94	5	8	7	11	5	2	0	7	Connecticut	8 Sept. 85	....do ....
	550	Philip Williams	Chicago	18 Nov. 96	....do ...	5	0	7	3	5	5	0	8	Vermont	4 Sept. 85	....do ....
	551	Warren J. Terhune	Terror	29 July 96	Aug. 94	5	5	7	11	5	2	0	6	New Jersey	19 May 85	....do ....
5	552	George G. Mitchell	Tr. Ship and Sta., Newport	20 Dec. 98	Dec. 98	5	4	7	7	5	1	0	8	Indiana	7 Sept. 85	....do ....
	553	William K. Harrison	Training-ship Vicksburg	12 Jan. 97	Nov. 94	4	11	7	5	5	6	0	8	Texas	23 May 85	....do ....
	554	Frank H. Schofield	Scindia	17 Mar. 98	Nov. 96	5	0	7	5	4	8	0	7	New York	21 May 86	1 July 92
	555	Jehu V. Chase	Lancaster	5 Oct. 97	Sept. 95	4	3	6	5	5	2	0	8	Louisiana	28 Sept. 86	....do ....
	556	Henry J. Ziegemeier	Training-ship Annapolis	20 July 97	Aug. 95	4	5	6	9	5	4	0	6	Ohio	21 May 86	....do ....
10	557	Cleland Davis	Helena	7 July 97	July 95	4	5	6	8	5	4	0	7	Kentucky	22 May 86	....do ....
	558	Matt H. Signor	Castine	8 Dec. 96	Aug. 95	5	1	7	5	4	7	0	8	Nebraska	21 May 86	....do ....
	559	William H. Buck	Chicago	1 Dec. 98	Feb. 96	3	7	5	11	6	0	0	8	Mississippi	22 May 86	....do ....
	560	George W. Williams	Buffalo	25 July 97	Sept. 95	4	6	6	11	6	9	0	5	South Carolina	6 Sept. 84	....do ....
	561	Noah T. Coleman	Cassius	10 Mar. 98	Dec. 97	4	6	6	1	5	0	1	7	New York	21 May 86	....do ....
15	562	Montgomery M. Taylor	Olympia	15 Oct. 96	July 96	6	1	8	4	3	9	0	6	At large	....do	....do ....
	563	Henry S. Ritter	Training-ship Annapolis	10 May 97	July 95	4	7	6	11	5	0	0	8	Pennsylvania	25 May 86	....do ....
	564	Franklin B. Sullivan	Amphitrite	5 Dec. 97	July 97	4	8	6	11	4	8	1	0	At large	22 May 86	....do ....
	565	Charles T. Vogelgesang	Celtic	3 Sept. 96	Aug. 95	5	4	7	5	4	4	0	6	California	6 Sept. 86	....do ....
	566	Charles B. McVay, jr.	Amphitrite	20 Aug. 97	....do ...	4	4	6	6	5	7	0	6	Colorado	19 May 86	....do ...
20	567	Lay H. Everhart	Boston	8 May 97	Feb. 96	5	2	7	5	4	10	0	9	Alabama	29 Sept. 85	....do ....
	568	Claude Bailey	Wilmington	10 May 97	July 95	4	8	6	10	5	0	0	6	Arkansas	8 Sept. 86	....do ....
	569	John H. Dayton	Topeka	20 Dec. 97	Oct. 95	4	3	6	5	5	0	0	11	At large	13 Sept. 86	....do ....
	570	Lucius A. Bostwick	Oregon	18 Feb. 97	Aug. 95	4	11	7	1	4	8	0	7	Massachusetts	7 Sept. 86	....do ....
	571	William A. Moffett	Charleston	29 Jan. 98	Apr. 96	5	0	7	2	4	10	0	4	South Carolina	6 Sept. 86	....do ....
25	572	Julian L. Latimer	Bureau of Ordnance	12 Aug. 98	Aug. 98	5	3	7	5	4	4	0	6	West Virginia	30 Sept. 86	....do ....
	573	John R. Edie	Marietta	8 Dec. 96	Aug 95	5	0	7	2	4	11	0	6	At large	19 May 86	a 21 July 92
	574	Reginald R. Belknap	Indiana	5 Oct. 97	July 96	4	2	6	6	4	5	0	5	Arkansas	5 Sept. 87	1 July 93
	575	De Witt Blamer	Buffalo	23 Sept. 97	... do ...	4	2	6	8	4	6	0	6	Iowa	19 May 87	....do ....
	576	Arthur L. Willard	Machias	4 Apr. 98	Aug. 97	4	8	6	11	3	11	0	6	Missouri	7 Sept. 87	....do ....
30	577	Edwin T. Pollock	Naval Academy	24 Aug. 98	Aug. 98	4	2	6	7	4	6	0	6	Ohio	20 May 87	....do ....
	578	Clark D. Stearns	School-ship Saratoga	— Dec. 98	Nov. 98	5	2	7	6	3	7	0	3	Michigan	5 Sept. 87	....do ....
	579	Harry H. Caldwell	Olympia (staff)	31 Dec. 97	Aug. 96	4	5	6	9	4	1	0	6	Illinois	7 Sept. 87	....do ....
	580	Henry C. Kuenzli	Nashville	19 Aug. 97	....do ...	4	5	6	8	4	2	0	6	Wisconsin	6 Sept. 87	....do ....
	581	Henry H. Hough	Boston	23 Oct. 97	....do ...	4	0	6	3	4	7	0	6	Massachusetts	.... do ...	....do ....
35	582	Harley H. Christy	Amphitrite	1 Aug. 97	June 96	4	4	6	9	4	5	0	5	Ohio	24 May 87	....do ....
	583	Noble E. Irwin	Baltimore	19 Mar. 98	July 96	3	8	5	11	4	9	0	5	Ohio	29 Sept. 87	....do ....
	584	Waldo Evans	Charleston	7 May 98	Aug. 96	3	8	5	11	5	0	0	5	Kansas	7 Sept. 87	....do ....
	585	Thomas J. Senn	Naval Proving Ground	16 Sept. 98	Sept. 98	4	7	7	2	4	1	0	5	South Carolina	19 May 87	....do ....
	586	Jay H. Sypher	Monadnock	19 Feb. 98	Aug. 96	3	10	6	2	4	10	0	3	Arizona	5 Sept. 87	....do ....
40	587	Bion B. Bierer	Iroquois	21 Mar. 98	July 96	3	10	5	11	4	11	0	5	Kansas	24 Sept. 87	....do ....
	588	Horace G. Macfarland	Oregon	7 July 97	Dec. 96	4	9	6	11	4	1	0	4	New York	6 Sept. 87	....do ....
	589	Charles F. Preston	Scorpion	16 Feb. 98	Oct. 96	4	5	7	0	5	8	0	5	Maryland	4 Sept. 85	....do ....
	590	Richard H. Leigh	Princeton	25 Apr. 98	Dec. 96	4	0	6	2	4	9	0	5	Mississippi	6 Sept. 87	....do ....
	591	Adelbert Althouse	Panther	12 Jan. 98	July 96	4	0	6	5	4	6	0	8	Illinois	21 May 87	....do ....

45	592	William D. Brotherton	Cincinnati	28 Dec. 97	Oct. 96	4	2	6	5	4	4	0	6	Wisconsin	6 Sept. 87	do	
	593	James F. Carter	Mayflower	15 Dec. 97	July 96	4	6	7	0	4	3	0	6	Pennsylvania	24 Mar. 87	do	
	594	Harry E. Smith	Navy-yard, Washington	20 June 98	May 98	3	4	5	10	5	3	0	6	Ohio	20 May 87	do	
	595	George C. Day	Topeka	12 May 98	Dec. 97	3	6	6	3	4	0	0	4	Vermont	19 May 88	1 July 94	
	596	Luke McNamee	Princeton	25 Apr. 98	July 97	3	7	5	10	4	1	0	5	Kansas	6 Sept. 88	do	
50	597	Frederick L. Sawyer	Machias	4 Apr. 98	Aug. 97	3	8	5	11	3	11	0	6	Illinois	do	do	
	598	Charles L. Hussey	Tr ship and sta., Newport	15 Sept. 98	Sept. 98	4	0	6	6	3	10	0	4	New Hampshire	21 May 88	do	
	599	John R. Y. Blakely	Badger	14 Apr. 98	Aug. 97	3	9	5	11	4	0	0	4	Pennsylvania	29 Sept. 88	do	
	600	Charles T. Jewell	Mayflower	3 Apr. 98	Apr. 97	3	11	6	4	5	0	0	4	At large	19 May 87	do	
	601	Gregory C. Davison	Training-ship Annapolis	7 May 98	Dec. 97	3	10	6	3	4	0	0	4	Missouri	22 May 88	do	
55	602	Leon S. Thompson	Navy-yard, New York	8 Oct. 98	Sept. 98	3	3	5	6	4	8	0	5	Ohio	21 May 88	do	
	603	Frederick A. Traut	Naval War College	28 Oct. 98	Oct. 98	3	7	6	0	4	3	0	5	Connecticut	19 May 88	do	
	604	John F. Hines	Bureau of Navigation	6 Sept. 98	Sept. 98	3	3	5	8	4	6	0	5	Kentucky	21 May 88	do	
	605	Fred R. Payne	Buffalo	25 Apr. 98	July 97	3	7	6	0	4	3	0	4	New York	do	do	
	606	Powers Symington	Eagle	13 Aug. 94	May 94	4	4	6	6	3	6	0	4	West Virginia	7 Sept. 88	do	
60	607	Yates Stirling, jr	Badger	7 Apr. 98	Nov. 97	4	0	6	2	3	7	0	7	Massachusetts	6 Sept. 88	do	
	608	George Mallison	Office of Judge-Advocate-Gen	14 Oct. 95	June 95	0	8	3	1	7	0	0	7	North Carolina	21 May 88	do	
	609	Joel R. P. Pringle	School-ship Enterprise	1 Oct. 98	Sept. 98	3	6	5	9	4	2	0	5	Illinois	6 Sept. 88	do	
	610	Benjamin B. McCormick	Sick leave	16 Dec. 98	Oct. 98	3	10	6	2	3	9	0	8	New York	19 May 88	do	
	611	Wilfrid V. Powelson	Sick leave	2 Sept. 98	Sept. 98	3	0	4	6	4	2	0	7	New York	5 Sept. 89	1 July 95	
65	612	William S. Montgomery	Petrel	10 June 96	Nov. 95	2	11	5	3	3	5	0	8	Kentucky	6 Sept. 89	do	
	613	Frank H. Clark, jr	Lancaster	6 Aug. 95	May 95	3	3	5	7	3	7	0	2	Rhode Island	5 Sept. 89	do	
	614	Henry H. Ward	Bureau of Navigation	3 May 97	Apr. 97	1	9	3	11	5	2	0	3	New Jersey	7 Sept. 89	do	
	615	Eugene L. Bisset	Buffalo	3 Aug. 95	Mar. 95	3	4	5	6	3	6	0	3	Kentucky	2 Oct. 89	do	
	616	Edward H. Campbell	Bennington	7 Aug. 95	Mar. 95	3	5	5	7	3	5	0	3	Indiana	6 Sept. 89	1 July 95	
70	617	Charles J. Lang	Manila	6 Aug. 95	do	3	3	5	6	3	7	0	3	Pennsylvania	do	do	
	618	Walter S. Crosley	Naval Academy	22 Sept. 98	Sept. 98	2	6	4	9	4	3	0	4	Connecticut	9 Sept. 89	do	
	619	William K. Gise	Topeka	15 Aug. 95	Mar. 95	3	4	5	8	3	7	0	3	Illinois	14 June 89	do	
	620	Thomas S. Wilson	Monocacy	25 Oct. 95	May 95	3	2	5	7	3	10	0	3	Illinois	20 May 89	do	
	621	Henry A. Pearson	Zafiro	19 July 95	Apr. 95	3	5	5	9	3	5	0	2	Utah	6 Sept. 89	do	
75	622	Orton P. Jackson	Buffalo	5 Aug. 95	Mar. 95	3	4	5	8	3	8	0	3	Pennsylvania	18 May 89	do	
	623	Frank L. Chadwick	Raleigh	do	Apr. 95	3	5	5	10	3	7	0	2	Minnesota	do	do	
	624	John S. Doddridge	Returning from Boston	— Dec. 98	Dec. 98	3	5	5	9	3	5	0	2	West Virginia	7 Sept. 89	do	
	625	Percy N. Olmsted	Br. Hydro. Off., Portland, Ore	20 Dec. 98	Aug. 98	3	1	5	3	4	1	0	3	Oregon	21 May 89	do	
	626	Christopher C. Fewel	Marblehead	5 Aug. 95	Mar. 95	3	5	5	7	3	5	0	2	Texas	2 Oct. 89	do	
80	627	Frank B. Upham	Olympia	19 July 95	Apr. 95	3	5	5	9	3	5	0	2	Montana	6 Sept. 89	do	
	628	John L. Sticht	Navy-yard, Washington	25 Oct. 98	Oct. 98	3	3	5	6	3	7	0	2	New York	7 Sept. 89	do	
	629	Richard S. Douglas	Monadnock	15 Aug. 95	Mar. 95	3	4	5	11	4	6	0	2	Georgia	19 May 88	do	
	630	Alfred A. McKethan	Br. Hydro. Office, Savannah	28 Oct. 98	Oct. 98	3	3	5	6	3	7	0	2	North Carolina	5 Sept. 89	do	
	631	Alfred A. Pratt	Marblehead	6 Aug. 95	May 95	3	4	5	7	3	6	0	3	Illinois	7 Sept. 89	do	
85	632	Irvin V Gillis	Texas	20 July 96	May 96	2	5	4	9	3	5	0	2	New York	6 Sept. 90	1 July 96	
	633	Ridley McLean	Marietta	27 July 96	Apr. 96	2	5	3	7	3	10	0	2	Tennessee	20 May 90	do	
	634	Raymond Stone	Training-ship Alliance	28 July 96	do	2	5	4	8	3	6	0	2	Alabama	5 Sept. 90	do	
	635	David F. Sellers	Philadelphia (staff)	25 July 96	do	2	4	4	8	3	10	0	2	New Mexico	21 May 90	do	
	636	Charles Webster	Brooklyn	21 July 96	do	2	5	4	9	3	5	0	2	Massachusetts	6 Sept. 90	do	
90	637	John T. Tompkins	Training-ship Annapolis	27 July 96	do	2	5	4	9	3	5	0	2	Louisiana	do	do	
	638	Provoost Babin	Raleigh	19 Aug. 96	do	2	4	4	8	3	5	0	3	New York	do	do	
	639	Simon P. Fullinwider	Training-ship Adams	27 July 96	do	2	5	4	9	3	8	0	2	Missouri	do	do	
	640	William P. Scott	Olympia (staff)	17 Aug. 96	do	2	4	4	8	3	9	0	2	Pennsylvania	20 May 90	do	
	641	Lewis B. Jones	Naval Proving Ground	16 Sept. 98	Sept. 98	2	1	4	5	4	0	0	2	New York	21 May 90	do	
95	642	Stephen V. Graham	Training-ship Adams	— Dec. 98	Apr. 96	2	5	4	9	3	8	0	2	Michigan	19 May 90	do	
	643	Ernest L. Bennett	New York (staff)	22 July 96	do	2	5	4	9	3	4	0	2	Massachusetts	24 Sept. 89	do	
	644	Fritz L. Sandoz	Cincinnati	28 July 96	do	2	5	4	7	3	10	0	2	Louisiana	19 May 90	do	
	645	John McC. Luby	Celtic	24 July 96	do	2	5	4	9	3	5	0	2	Texas	8 Sept. 90	do	
	646	Arthur G. Kavanagh	Olympia	25 July 96	do	2	4	4	8	3	9	0	2	Nebraska	20 May 90	do	
100	647	Carlton F. Snow	Nashville	23 July 96	do	2	5	4	8	3	9	0	2	Maine	19 May 90	do	
	648	Charles S. Bookwalter	Resolute	24 July 96	Apr. 96	2	5	4	9	3	5	0	2	Illinois	8 Sept. 90	do	

a Second lieutenant, U. S. Marine Corps, from 1 July, 1892, to 20 July, 1892.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.	
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms		Naval Cadet.	Ensign.
	649	Roscoe C. Bulmer	Bennington	27 July 96	Apr. 96	2	5	4	9	3	5	0	2	Nevada	26 Sept. 90	1 July 96
	650	Gilbert S. Galbraith	Asst. Ins. of Ord., Nicetown	18 June 97	Nov. 96	0	4	2	8	4	11	0	9	Pennsylvania	8 Sept. 90	do
	651	Roscoe Spear	Montgomery	22 July 96	Apr. 96	2	5	4	8	3	9	0	2	Pennsylvania	23 May 90	do
105	652	Robert W. McNeely	Yankton	20 Aug. 96	do	2	4	4	7	3	6	0	3	North Carolina	8 Sept. 90	do
	653	Walter S. Turpin	Training-ship Essex	19 Aug. 96	do	2	4	4	8	3	9	0	3	Maryland	22 May 90	do
	654	George L. P. Stone	Iroquois	22 July 96	do	2	5	4	8	3	4	0	3	Georgia	26 Sept. 90	do
	655	William S. Whitted	Bennington	27 July 96	do	2	5	4	9	3	8	0	3	North Carolina	20 May 90	do
	656	Robert H. Osborn	Montgomery	23 July 96	do	2	5	4	9	3	8	0	3	New York	23 May 90	do
110	657	Walter J. Manion	Sick leave	26 July 98	July 98	1	11	4	3	3	5	0	8	Louisiana	6 Sept. 90	do
	658	George E. Gelm	Bennington	28 July 96	Apr. 96	2	4	4	7	3	9	0	3	New York	22 May 90	do
	659	Clarence England	Training-ship Adams	5 Aug. 96	do	2	5	4	8	3	5	0	3	Arkansas	5 Sept. 90	do
	660	Frank H. Brumby	Celtic	10 July 97	Apr. 97	1	6	3	9	3	5	0	1	Georgia	8 Sept. 91	1 July 97
	661	Frank P. Baldwin	Training-ship Vicksburg	3 July 97	Mar. 97	1	6	3	9	3	5	0	1	New Jersey	do	do
115	662	William C. Davidson	Concord	28 June 97	do	1	6	3	8	3	6	0	1	South Dakota	28 Sept. 91	do
	663	Harris Laning	Monadnock	14 July 97	Apr. 97	1	5	3	10	3	9	0	1	Illinois	19 May 91	do
	664	David W. Todd	Wheeling	15 July 97	Mar. 97	1	5	3	7	3	8	0	2	California	8 Sept. 91	do
	665	John V. Klemann	Wilmington	22 June 97	Apr. 97	1	6	3	10	3	5	0	1	New York	10 Sept. 91	do
	666	William R. Cushman	Yankton	10 July 97	do	1	6	3	9	3	5	0	2	New York	5 Sept. 91	do
120	667	Henry V. Butler, jr.	Olympia (staff)	28 June 97	do	1	6	3	10	3	5	0	1	New York	do	do
	668	Walter R. Gherardi	Naval station, San Juan	5 Nov. 98	Oct. 98	1	5	3	9	3	5	0	2	At large	4 Sept. 91	do
	669	John R. Monaghan	Philadelphia	20 July 97	Mar. 97	1	4	3	7	3	7	0	2	Washington	7 Sept. 91	do
	670	James J. Raby	Iris	1 Sept. 97	Apr. 97	1	5	3	6	3	8	0	1	Michigan	9 Sept. 91	do
	671	James E. Walker	Panther	15 July 97	do	1	6	3	9	3	5	0	2	North Carolina	7 Sept. 91	do
125	672	William H. Standley	Yorktown	17 Nov. 98	June 98	1	0	3	3	4	0	0	1	California	do	do
	673	Arthur T. Chester	Iris	11 July 97	Apr. 97	1	5	3	9	4	9	0	2	At large	19 May 90	do
	674	Cassius B. Barnes	Training-ship Vicksburg	23 Oct. 97	do	1	6	3	8	3	7	0	1	Oklahoma	7 Sept. 91	do
	675	Albion J. Wadhams	Mayflower	10 July 97	do	1	6	3	9	3	5	0	1	New York	4 Sept. 91	do
	676	Kenneth M. Bennett	Amphitrite	15 July 97	do	1	6	3	8	3	6	0	1	New Jersey	8 Sept. 91	do
130	677	Edward H. Watson	Iris	10 July 97	do	1	6	3	8	4	3	0	2	Kentucky	26 Sept. 90	do
	678	Orlo S. Knepper	Concord	28 June 97	do	1	6	3	10	3	5	0	1	Pennsylvania	4 Sept. 91	do
	679	Michael J. McCormack	Baltimore	14 July 97	do	1	6	3	8	4	7	0	1	Michigan	22 May 90	do
	680	Rufus Z. Johnston, jr.	Oregon	10 July 97	do	1	6	3	9	3	5	0	1	North Carolina	10 Sept. 91	do
	681	Jonas H. Holden	Scorpion	9 Apr. 98	Mar. 98	0	8	3	1	3	6	0	0	Vermont	20 May 92	6 May 98
135	682	Thomas T. Craven	Scindia	do	Apr. 98	0	8	2	11	4	1	0	0	New Hampshire	27 Sept. 90	do
	683	Charles L. Poor	Yosemite	25 Apr. 98	do	0	8	2	11	3	5	0	0	New York	6 Sept. 92	do
	684	Ralph Earle	Essex	9 Apr. 98	do	0	8	2	11	3	5	0	0	Massachusetts	do	do
	685	Andrew E. Kalbach	Brooklyn	do	do	0	8	3	0	3	6	0	0	Pennsylvania	1 July 92	do
	686	Daniel W. Wurtsbaugh	Yorktown	do	do	0	6	2	11	3	8	0	0	Texas	20 May 92	do
140	687	Ivan C. Wettengel	Bennington	do	do	0	7	2	10	3	6	0	0	Colorado	6 Sept. 92	do
	688	Charles M. Tozer	Wheeling	do	Mar. 98	0	6	2	8	3	5	0	2	New York	19 Sept. 92	do
	689	Wat T. Cluverius	Scorpion	16 Apr. 98	do	0	8	3	1	3	6	0	0	Louisiana	20 May 92	do
	690	Duncan M. Wood	Iowa	9 Apr. 98	Apr. 98	0	8	2	11	3	4	0	0	Alabama	30 Sept. 92	do
	691	Leigh C. Palmer	New York	8 Apr. 98	do	0	8	2	11	3	5	0	0	Missouri	6 Sept. 92	do
145	692	Thomas A. Kearney	Training-ship Adams	11 Apr. 98	Mar. 98	0	7	2	10	3	6	0	0	Missouri	do	do
	693	Arthur MacArthur, jr.	Brooklyn	do	do	0	8	2	10	3	6	0	0	Wisconsin	do	do

	694	Frank E. Ridgely	Justin	25 Apr. 98	Apr. 98	0	8	2	7	3	9	0	0	At large	do	do
	695	Dudley W. Knox	Yorktown	9 Apr. 98	do	0	5	2	8	3	7	0	0	Tennessee	do	do
	696	Charles E. Gilpin	Helena	10 Apr. 98	do	0	7	2	10	3	5	0	1	Michigan	do	do
150	697	Mark St. C. Ellis	Training-ship Vicksburg	9 Apr. 98	do	0	8	3	0	3	6	0	0	Arkansas	1 July 92	do
	698	Edward McCauley, jr.	Ordered to Asiatic Station	— Dec. 98	Nov. 98	0	6	2	9	3	3	0	2	New York	8 Oct. 92	do
	699	Earl P. Jessop	Justin	9 Apr. 98	Apr. 98	0	8	2	11	3	4	0	1	West Virginia	6 Sept. 92	do
	700	John H. Roys	Scindia	do	do	0	7	2	11	3	5	0	1	New York	do	do
	701	Henry C. Mustin	do	13 May 98	do	0	8	2	11	3	4	0	1	Tennessee	do	do
155	702	Roland I. Curtin	Massachusetts	10 Apr. 98	do	0	8	2	11	3	4	0	1	Pennsylvania	do	do
	703	Amon Bronson, jr.	Wilmington	1 June 98	May 98	0	7	2	9	3	4	0	3	Nebraska	30 Sept. 92	20 May 98
	704	Joseph W. Powell	Pursuing special studies	17 Sept. 98	Aug. 98	0	2	0	10	4	9	0	0	New York	19 May 93	28 June 98

NAVAL CADETS.

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WHO HAVE PASSED THE REQUISITE ACADEMIC COURSE AND ARE NOW PERFORMING TWO YEARS' SERVICE AT SEA OR PURSUING SPECIAL STUDIES PRIOR TO FINAL GRADUATION.

Numbering grade.	Signal No.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry. Naval Cadet.
						Ys	Ms	s	Ms	Ys	Ms		
	705	William G. Du Bose	Pursuing special studies	10 Sept. 98	Aug. 98	1	0	4	3	0	0	Georgia	6 Sept. 93
	706	Ernest F. Eggert	do	do	do	1	0	4	4	0	0	Michigan	do
	707	Harry E. Yarnell	Oregon	19 June 97	Aug. 96	2	0	3	4	0	0	Iowa	do
	708	Harlan P. Perrill	New York	do	do	2	0	3	4	0	0	Indiana	do
5	709	Arthur J. Hepburn	Iowa	do	do	2	0	3	3	0	0	Pennsylvania	22 Sept. 93
	710	David E. Theleen	Massachusetts	18 June 97	do	2	0	3	4	0	0	Wisconsin	6 Sept. 93
	711	Alfred W. Pressey	Panther	19 June 97	do	2	4	3	3	0	0	Nebraska	19 May 93
	712	Needham L. Jones	Newark	do	do	2	0	3	4	0	0	Mississippi	6 Sept. 93
	713	William H. Reynolds	Texas	do	do	2	0	3	4	0	0	Georgia	do
10	714	Luther M. Overstreet	Oregon	do	do	2	1	3	3	0	0	Nebraska	do
	715	William R. White	Commanding Barcelo	do	do	2	0	3	4	0	0	Arizona	do
	716	Thomas C. Hart	Hist	20 June 97	do	2	3	3	4	0	0	Michigan	19 May 93
	717	Orin G. Murfin	Iowa	do	do	2	0	3	4	0	0	Ohio	6 Sept. 93
	718	Leonard R. Sargent	Monadnock	19 June 97	do	2	0	3	4	0	0	Minnesota	do
15	719	Cyrus R. Miller	Oregon	do	do	2	0	3	4	0	0	California	do
	720	Gilbert Chase	Texas	do	do	2	0	3	4	0	0	Virginia	do
	721	Joseph W. Graeme	Iowa	do	do	2	0	3	4	0	0	Pennsylvania	do
	722	Victor S. Houston	do	do	do	2	1	3	2	0	0	South Dakota	22 Sept. 93
	723	Walton R. Sexton	Monadnock	do	do	2	3	3	4	0	0	Illinois	19 May 93
20	724	David F. Boyd, jr	Brooklyn	do	do	2	3	3	4	0	0	Alabama	do
	725	Frederick R. Holman	Texas	do	do	2	3	3	4	0	0	Iowa	do
	726	Walter M. Falconer	Brooklyn	do	do	2	0	3	4	0	0	Ohio	6 Sept. 93
	727	Albert H. McCarthy	Iowa	18 June 97	do	2	0	3	3	0	0	Iowa	do
	728	Hilary Williams	do	20 June 97	do	2	0	3	3	0	0	Indiana	do
25	729	Willis McDowell	Ordered to Navy-yard, Norfolk	21 Dec. 98	Dec. 98	2	3	3	4	0	0	Pennsylvania	19 May 93
	730	Oscar D. Duncan	New York	10 June 97	Aug. 96	2	0	3	4	0	0	Alabama	6 Sept. 93
	731	Arthur St. C. Smith, jr	Indiana	do	do	2	0	3	4	0	0	Iowa	do
	732	Robert W. Henderson	Brooklyn	do	do	2	0	3	3	0	0	Ohio	22 Sept. 93
	733	Austin Kautz	Training-ship Annapolis	do	do	2	3	3	4	0	0	Washington	19 May 93
30	734	Charles T. Owens	Indiana	do	do	2	0	3	4	0	0	Pennsylvania	6 Sept. 93
	735	William P. Giles	Sick leave	20 June 98	June 98	1	9	3	4	0	6	Texas	20 May 93
	736	William C. Asserson	Iowa	19 June 97	Aug. 96	2	0	3	3	0	0	New York	25 Sept. 93
	737	Alfred C. Owen	New York	do	do	2	0	3	4	0	0	Dist. of Columbia	6 Sept. 93
	738	Samuel G. Magill, jr.	Oregon	19 Aug. 97	do	2	1	3	4	0	2	North Dakota	19 May 93
35	739	Irwin F. Landis	Olympia	19 June 97	do	2	0	3	4	0	0	Kansas	6 Sept. 93
	740	Clarence S. Kempff	Oregon	do	do	2	3	3	4	0	0	California	19 May 93
	741	John Halligan, jr	Pursuing special studies	24 Sept. 98	Sept. 98	1	2	3	2	0	0	Massachusetts	6 Sept. 94
	742	Henry Williams	do	10 Sept. 98	do	1	1	3	2	0	0	Maryland	do

	743	William C. Watts	do	do	do	0	11	3	5	0	0	Pennsylvania	22 Sept. 94
40	744	George L. Smith	Yankton	4 Apr. 98	Aug. 97	1	4	2	11	0	1	New Hampshire	6 Sept. 94
	745	Wilber G. Briggs	New Orleans	15 Apr. 98	do	1	5	2	11	0	0	New York	do
	746	Ralph N. Marble, jr	Brooklyn	4 Apr. 98	do	1	8	2	11	0	0	Minnesota	19 May 94
	747	James A. Hand, jr	Alvarado	11 Apr. 98	do	1	5	2	11	0	0	South Dakota	6 Sept. 94
	748	Lyman A. Cotten	Chicago	4 Apr. 98	do	1	3	3	1	0	0	North Carolina	do
45	749	Edward Woods	do	do	do	1	6	3	1	0	0	Massachusetts	19 May 94
	750	Charles Boone	New York	7 Apr. 98	do	1	5	2	11	0	0	Ohio	6 Sept. 94
	751	Edward W. McIntyre	Cincinnati	do	do	1	5	2	11	0	0	California	do
	752	Frank L. Pinney	Pursuing special studies	13 Sept. 98	Sept. 98	1	1	3	3	0	0	Connecticut	do
	753	William P. Cronan	Brooklyn	4 Apr. 98	Aug. 97	1	5	2	11	0	0	Connecticut	do
50	754	Ulysses S. Macy	do	do	do	1	5	2	11	0	0	Missouri	do
	755	Zeno E Briggs	New York	do	do	1	5	2	10	0	0	Nebraska	22 Sept. 94
	756	Walter B. Tardy	Buffalo	15 Apr. 98	do	1	8	3	0	0	0	Arkansas	19 May 94
	757	William T. Tarrant	New Orleans	do	do	1	5	2	11	0	0	Texas	6 Sept. 94
	758	Clarence A. Abele	Brooklyn	4 Apr. 98	do	1	5	2	11	0	0	Massachusetts	do
55	759	Yancey S. Williams	Cincinnati	7 Apr. 98	do	1	5	2	11	0	0	South Carolina	do
	760	Thomas L. Johnson	Massachusetts	4 Apr. 98	do	1	8	2	11	0	0	Kansas	19 May 94
	761	George T. Pettengill	Philadelphia	5 Apr. 98	do	1	3	3	1	0	0	Idaho	22 Sept. 94
	762	George C. Sweet	do	4 Apr. 98	do	1	3	3	0	0	0	New York	do
	763	Franck T. Evans	Massachusetts	do	do	1	5	2	11	0	0	At large	6 Sept. 94
60	764	Morris H. Brown	Texas	3 Apr. 98	do	1	8	2	11	0	0	Indiana	19 May 94
	765	David C. Hanrahan	Philadelphia	4 Apr. 98	do	1	6	3	2	0	0	Wisconsin	do
	766	John F. Babcock	do	do	do	1	3	3	0	0	0	New York	22 Sept. 94
	767	Charles P. Nelson	Buffalo	15 Apr. 98	do	1	8	3	0	0	0	Massachusetts	19 May 94
	768	Walter G. Roper	Training-ship Vicksburg	do	do	1	5	2	10	0	0	Georgia	22 Sept. 94

MEDICAL CORPS, ACTIVE LIST.

MEDICAL DIRECTORS (15).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
		Relative rank of Captain.				*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*
	851	Chris. J. Cleborne	Naval Hospital, Norfolk	20 Aug. 94	Apr. 81	0	0	10	8	24	9
	852	Walter K. Scofield	Pres. Med. Ex. B'd, League Island	20 Oct. 94	Sept. 89	0	0	13	0	16	7
	853	Grove S. Beardsley	Member Retiring Board	21 June 93	May 89	0	0	14	11	16	8
	854	John H. Clark	Member Retiring Board	21 June 98	May 92	0	0	14	5	20	0
5	855	Wm. K. Van Reypen *	Chief Bureau Med. and Surgery	18 Dec. 97	July 94	0	0	12	3	21	9
	856	Thomas C. Walton	Naval Laboratory, New York	19 Jan. 97	Oct. 91	0	0	14	11	20	6
	857	Charles H. White	Naval Museum of Hygiene	11 Oct. 97	Jan. 92	0	0	14	6	18	8
	858	George W. Woods	Naval Hospital, New York	5 June 97	Apr. 92	0	0	14	1	20	10
	859	James Rufus Tryon	Gen. Inspector of Hospitals	6 Oct. 97	May 93	0	0	a12	7	a21	1
10	860	James M. Flint	Smithsonian Institution	27 May 95	Jan. 95	0	0	a15	11	a18	1
	861	George A. Bright	Naval Hospital, Washington	28 Sept. 95	July 94	0	0	a16	1	a15	5
	862	George F. Winslow	Navy-yard, Boston	20 Sept. 98	Feb. 96	0	0	a17	10	a13	10
	863	Hosea J. Babin	Prest. Bd. Med. Ex'rs, New York	9 Oct. 97	June 97	0	0	a16	9	a13	6
	864	Joseph B. Parker	Member Med. Ex. Boards	22 Jan. 98	Aug. 94	0	0	a15	1	a15	8
15	865	Joseph G. Ayers	Naval Hospital, Boston	5 May 98	Sept. 97	0	0	a17	3	a14	1

MEDICAL INSPECTORS (15).

		Relative rank of Commander.									
	866	Abel F. Price	Olympia (Fleet Surgeon)	13 Sept. 97	Jan. 94	1	4	13	4	13	1
	867	Michael C. Drennan	Marine Rendezvous, Philadelphia	— Jan. 99	Apr. 98	2	9	a15	8	a13	5
	868	James A. Hawke	Navy-yard, New York	14 Aug. 97	June 97	2	0	14	0	13	9
	869	Robert A. Marmion	Navy-yard, Washington	15 July 96	June 96	1	0	14	2	13	7
5	870	Dwight Dickinson	Philadelphia	1 July 98	Oct. 95	0	6	13	6	13	9
	871	William G. Farwell	Navy-yard, League Island	4 Apr. 98	Jan. 96	0	0	11	5	14	5
	872	John C. Wise	Baltimore	15 June 97	Apr. 93	1	7	14	3	12	3
	873	George P. Bradley	Naval Hospital, Mare Island	10 May 97	Mar. 97	0	1	11	5	12	8
	874	Charles U. Gravatt	New York (Fleet Surgeon)	19 June 97	July 96	1	6	14	2	11	7
10	875	Paul Fitzsimons	Brooklyn	17 Mar. 98	May 90	0	9	10	6	13	8
	876	William S. Dixon	Naval Academy	7 May 98	Mar. 98	0	2	12	8	12	10
	877	Charles A. Siegfried	Torp. Sta. and Hosp., Newport	15 Apr. 97	Apr. 97	0	0	12	0	12	10
	878	Remus C. Persons	Naval Laboratory, New York	19 Nov. 98	June 93	0	0	10	0	14	0
	879	Nelson M. Ferebee	Waiting orders	10 Sept. 98	Sept. 98	0	0	13	3	8	6
15	880	Franklin Rogers b	Monterey	10 May 98	Aug. 89	0	1	10	0	13	8

SURGEONS (50).

		Relative rank of Lieutenant (49).									
	881	James R. Waggener	Navy-yard, Mare Island	19 Nov. 95	Jan. 95	2	6	11	4	12	3
	882	Thomas H. Streets	Navy-yard, Norfolk	23 Apr. 98	June 94	3	6	10	7	14	2
	883	Manly H. Simons	Iowa	16 June 97	Nov. 93	5	2	13	3	11	11
	884	John C. Boyd	Asst. Bureau of Med. and Surg	9 Apr. 92	Sept. 91	2	5	9	7	14	6
5	885	George E. H. Harmon	Newark	21 May 98	Sept. 94	3	9	13	6	9	11
	886	Howard Wells	Chicago	1 Dec. 98	Apr. 95	3	0	10	11	12	8

* Surgeon-General, with relative rank of Commodore.
a Includes service in Volunteer Navy.
b Subject to examination.

MEDICAL CORPS, ACTIVE LIST.

MEDICAL DIRECTORS (15).

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry and promotions. Acting Assistant Surgeon.	Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
	2	3	Pennsylvania	.....	9 May 61	26 Oct. 63	24 Nov. 63	7 Jan. 78	18 Sept. 87
	7	10	Connecticut	.....	12 July 61	22 June 64	7 Apr. 66	21 Nov. 83	8 Feb. 90
	5	11	New York	.....	1 July 61	.....do	25 July 66	24 Apr. 84	22 Jan. 91
	2	9	New Hampshire	.....	19 Oct. 61	24 Apr. 65	14 May 67	8 Jan. 85	4 Mar. 93
5	3	0	New Jersey	.....	26 Dec. 61	26 May 65	12 May 68	16 Aug. 87	30 Mar. 95
	1	10	New York	.....	5 Oct. 61	20 Jan. 66	22 Oct. 68	18 Sept. 87	28 May 95
	3	10	Massachusetts	.....	26 Dec. 61	30 Oct. 65	18 Nov. 69	10 July 88	8 June 95
	2	2	New York	.....	11 Dec. 61	8 May 65	10 Dec. 69	1 Sept. 88	15 June 95
	2	1	New York	19 Mar. 63	22 Sept. 63	21 Dec. 66	30 June 73	22 Sept. 91	21 Jan. 97
10	2	9	New Hampshire	14 Apr. 62	26 Oct. 63	31 Dec. 67	24 June 74	4 Mar. 93	6 June 97
	6	2	Maine	15 May 61	8 Aug. 64	.....do	12 Sept. 74	11 May 93	19 Oct. 97
	4	9	Massachusetts	26 July 62	28 May 64	14 June 67	2 Apr. 75	21 Aug. 93	23 Jan. 98
	3	7	Massachusetts	10 Feb. 65	13 May 65	23 June 69	17 Mar. 76	22 June 94	7 May 98
	5	1	Maryland	16 Mar. 63*a*	24 Nov. 66	31 Dec. 67	13 Aug. 76	30 Nov. 94	18 June 98
15	2	8	New Hampshire	17 Dec. 64*b*	8 Oct. 66	12 Oct. 69	7 Jan. 78	25 Feb. 95	12 Dec. 98

MEDICAL INSPECTORS (15).

	3	9	Pennsylvania	.....	10 Nov. 68	18 Mar. 73	14 Aug. 78	30 Mar. 95	.....
	4	9	Pennsylvania	15 Apr. 63*c*	30 June 68	13 June 70	20 Apr. 79	28 May 95	.....
	3	9	Pennsylvania	(*d*)	24 June 67	26 Feb. 73	1 May 79	8 June 95	.....
	3	0	West Virginia	.....	26 Mar. 68	24 Oct. 72	3 June 79	15 June 95	.....
5	2	5	New York	.....	21 Apr. 69	5 Nov. 72	6 Dec. 79	29 Sept. 95	.....
	4	3	Michigan	.....	10 Nov. 68	23 Jan. 74	15 Jan. 81	28 Feb. 96	.....
	2	1	Maryland	.....	28 Apr. 70	8 June 74	10 Sept. 82	20 Mar. 96	.....
	4	3	Maine	.....	7 Sept. 70	21 Jan. 74	23 Aug. 83	21 Jan. 97	.....
	2	6	Virginia	.....	27 Sept. 70	23 Mar. 74	21 Nov. 83	6 June 97	.....
10	2	10	Georgia	.....	19 Dec. 71	3 Jan. 76	4 Mar. 84	19 Oct. 97	.....
	2	5	District of Columbia	.....	27 Jan. 71	10 Jan. 75	19 June 84	23 Jan. 98	.....
	1	8	Pennsylvania	.....	8 June 72	10 Jan. 76	31 Jan. 85	7 May 98	.....
	2	10	Alabama	.....	5 Mar. 72	13 Jan. 76	7 Feb. 85	18 June 98	.....
	4	6	North Carolina	.....	12 Sept. 72	10 Jan. 76	12 Mar. 86	2 Sept. 98	.....
15	3	1	Pennsylvania	.....	21 Mar. 72	20 June 76	30 Jan. 87	12 Dec. 98	.....

SURGEONS (50).

	2	10	Kentucky	.....	29 July 72	20 Dec. 75	18 Mar. 87	.....	.....
	1	11	Pennsylvania	.....	12 Apr. 72	27 Dec. 75	1 May 87	.....	.....
	1	5	Ohio	.....	28 May 72	15 Dec. 75	16 Aug. 87	.....	.....
	1	7	South Carolina	.....	3 Apr. 73	18 Apr. 77	18 Sept. 87	.....	.....
5	1	7	Maryland	.....	20 Dec. 73	25 May 77	25 Mar. 88	.....	.....
	1	6	Pennsylvania	.....	10 Dec. 73	21 Dec. 76	19 June 88	.....	.....

a Honorably discharged 12 October, 1865.
b Honorably discharged 24 September, 1866.
c Resigned 18 March, 1865; reappointed to same rank 9 February, 1867.
d Two years four months and sixteen days in the Volunteer Army.

SURGEONS—Continued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
	887	Daniel N. Bertolette	Receiving-ship Vermont	13 Apr. 98	Apr. 97	3	6	12	6	11	0
	888	Ezra Z. Derr	Navy-yard, Portsmouth	5 May 98	May 97	4	6	13	0	10	6
	889	Frank B. Stephenson	Oregon	7 May 98	July 94	3	10	12	8	10	5
10	890	Presley M. Rixey	Bureau Medicine and Surg	5 Sept. 98	Dec. 95	2	11	11	1	13	0
	891	Walter A. McClurg	Member Med. Ex. Board	16 Sept. 98	May 96	3	1	11	7	11	9
	892	Cumberland G. Herndon	Columbia	15 Mar. 98	Jan. 97	2	5	11	0	11	6
	893	Lucien G. Heneberger	Indiana	10 Nov. 96	May 92	4	1	12	11	9	5
	894	Edward H. Green	Headquarters Marine Corps	1 Nov. 98	Jan. 97	2	9	11	7	10	9
15	895	Samuel H. Dickson	Massachusetts	20 July 96	Dec. 90	2	9	10	0	10	1
	896	David O. Lewis	Waiting orders	23 Sept. 98	Sept. 98	3	4	11	11	10	10
	897	Howard E. Ames	Navy-yard, Norfolk	2 Oct. 97	July 97	3	1	11	11	10	2
	898	Lloyd B. Baldwin	Naval Rendezvous, New York	4 May 98	Mar. 98	5	2	15	2	6	7
	899	Frank Anderson	Naval Hospital, Yokohama	30 Aug. 97	July 97	2	3	10	5	10	4
20	900	Phillips A. Lovering	Lancaster	29 July 96	May 92	2	11	13	1	8	8
	901	William R. Du Bose	Naval Hospital, New York	11 July 98	July 98	2	3	10	3	11	8
	902	Charles T. Hibbett	Receiving-ship Independence	9 Feb. 97	July 96	3	0	10	9	11	8
	903	Nelson H. Drake	Minneapolis	6 June 96	Oct. 91	2	5	11	7	10	1
	904	Henry G. Beyer	Amphitrite	2 Aug. 97	Mar. 97	2	10	9	3	10	8
25	905	John M. Steele	Monadnock	20 Feb. 96	Apr. 91	2	10	11	11	9	2
	906	James E. Gardner	Dolphin	24 Mar. 98	Nov. 97	2	9	10	0	10	10
	907	Millard H. Crawford	Waiting orders	— Dec. 98	Oct. 98	2	11	10	7	9	10
	908	George P. Lumsden	Receiving-ship Franklin	4 Mar. 98	Jan. 97	2	8	10	8	8	11
	909	Emlyn H. Marsteller	Raleigh	22 Dec. 96	Sept. 91	3	3	11	9	8	9
30	910	William H. Rush	Receiving-ship Richmond	16 Dec. 98	Sept. 98	0	4	8	11	11	8
	911	James C. Byrnes	Navy-yard, Norfolk	10 Dec. 98	Nov. 98	1	4	9	2	12	4
	912	Samuel H. Griffith	Mayflower	29 Mar. 98	May 93	0	9	9	3	9	4
	913	Averley C. H. Russell	Bureau Medicine and Surgery	31 Oct. 98	Oct. 98	1	4	6	10	11	1
	914	Clement Biddle	Texas	1 July 98	May 98	1	3	9	5	9	6
35	915	Henry T. Percy	Charleston	7 July 96	Apr. 92	2	6	12	2	11	3
	916	James D. Gatewood	Naval Station, Havana	21 Dec. 98	Oct. 98	0	7	7	0	11	1
	917	Oliver Diehl	Michigan	31 Oct. 98	Oct. 98	1	6	8	1	9	10
	918	John M. Edgar	Cincinnati	14 Apr. 98	Oct. 93	0	8	9	8	7	2
	919	Philip Leach	Yosemite	29 Aug. 98	May 95	0	3	7	8	8	0
40	920	Lloyd W. Curtis	Montgomery	26 Feb. 96	July 89	1	11	7	3	7	4
	921	Henry B. Fitts	Naval Hospital, Portsmouth	12 Jan. 97	Dec. 96	0	0	8	11	6	2
	922	Victor C. B. Means	Special duty, San Francisco	25 Nov. 98	Sept. 98	1	3	8	1	6	0
	923	Frederick J. B. Cordeiro	New Orleans	16 Apr. 98	Nov. 94	0	9	6	0	5	4
	924	Francis W. F. Wieber	Naval Station, San Juan	5 Nov. 98	Oct. 98	0	9	5	10	7	6
45	925	Oliver D. Norton	Badger	— Dec. 98	Oct. 94	0	0	5	11	7	0
	926	Frederick A. Hesler	Naval Hospital, Boston	17 May 98	Mar. 98	0	0	7	4	5	8
	927	Louis W. Atlee	Boston	15 Oct. 98	Oct. 94	0	2	5	2	6	5
	928	Isaac W. Kite	Buffalo (for Monterey)	13 Oct. 98	June 94	0	3	5	6	6	11
	929	Andrew R. Wentworth	Naval Hospital, New York	25 Oct. 98	Oct. 98	0	0	7	1	5	5
50	930	Corbin J. Decker	Monocacy	12 May 98	Sept. 94	3	2	5	3	6	7

SURGEONS—Continued.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.		
				Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.
	Ys	Ms				
	2	1	Pennsylvania	23 June 73	19 Apr. 77	1 Sept. 88
	2	3	Maryland	3 Mar. 73	18 Apr. 77	15 Sept. 88
	2	9	Pennsylvania	14 Mar. 73	21 Apr. 77	.....do....
10	0	10	Virginia	28 Jan. 74	18 Apr. 77	27 Nov. 88
	1	7	Pennsylvania	8 Feb. 74	2 Nov. 77	25 Jan. 89
	2	2	Virginia	3 May 74	26 Mar. 78	8 Feb. 90
	2	2	Virginia	17 June 74	10 Nov. 77	5 May 90
	1	6	Maryland	11 Mar. 75	22 Nov. 78	11 Nov. 90
15	3	9	Pennsylvania	19 Mar. 75	30 Apr. 80	5 Dec. 90
	1	11	Pennsylvania	8 Apr. 74	22 Nov. 78	22 Jan. 91
	1	8	Maryland	10 Apr. 75	7 June 78	19 Mar. 91
	1	11	Pennsylvania	1 May 75	6 May 79	22 Sept. 91
	2	10	New York	24 May 75	22 Nov. 78	14 Nov. 91
20	1	10	Massachusetts	18 June 75	10 Dec. 78	4 Dec. 91
	1	4	Georgia	16 Oct. 75	30 Apr. 80	1 Nov. 92
	1	6	Tennessee	15 Jan. 75	.....do....	26 Dec. 92
	1	3	New Jersey	26 Feb. 76	6 July 80	4 Mar. 93
	2	8	New York	19 May 76	30 Apr. 80	11 May 93
25	2	5	Maryland	8 June 75	.....do....	.....do....
	1	8	Kentucky	3 July 76	3 July 80	15 Aug. 93
	1	9	Virginia	1 Nov. 76	1 Nov. 80	21 Aug. 93
	2	8	Virginia	2 Nov. 76	2 Nov. 79	12 May 94
	2	5	Virginia	12 Jan. 76	12 Jan. 80	22 June 94
30	1	4	Pennsylvania	13 Feb. 77	13 Feb. 80	30 Nov. 94
	0	8	District of Columbia	2 Nov. 76	2 Nov. 80	25 Feb. 95
	2	6	Pennsylvania	15 Dec. 77	15 Dec. 80	30 Mar. 95
	1	8	Georgia	3 June 79	3 June 82	8 June 95
	1	7	Pennsylvania	18 June 78	18 June 82	26 July 95
35	2	2	Virginia	a30 June 79	30 June 82	29 Sept. 95
	0	5	Virginia	6 July 80	6 July 83	28 Feb. 96
	0	7	Pennsylvania	.....do....	.....do....	20 Mar. 96
	0	5	Pennsylvania	9 July 81	9 July 84	3 Sept. 96
	1	8	Illinois	.....do....	.....do....	15 Nov. 96
40	1	11	New Jersey	6 July 82	6 July 85	16 Feb. 97
	1	5	Virginia	.....do....	.....do....	23 Mar. 97
	0	5	North Carolina	3 June 84	3 June 87	6 June 97
	3	2	Massachusetts	26 June 84	26 June 87	19 Oct. 97
	0	10	New York	3 Nov. 84	3 Nov. 87	6 Nov. 97
45	0	10	Ohio	22 Apr. 85	22 Apr. 88	23 Jan. 98
	1	6	Illinois	3 June 84	3 June 88	7 May 98
	1	1	Pennsylvania	29 Mar. 86	29 Mar. 89	18 June 98
	0	4	Virginia	1 Apr. 86	1 Apr. 89	2 Sept. 98
	1	3	Maine	22 Apr. 85	22 Apr. 89	9 Oct. 98
50	0	8	New Jersey	17 June 86	17 June 89	12 Dec. 98

a Acting Assistant Surgeon 31 May, 1873.

MEDICAL CORPS.

PASSED ASSISTANT SURGEONS (52).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotion.	
															Assistant Surgeon.	Passed Assistant Surgeon.
		Relative rank of Lieutenant (junior grade).				*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*			
	931	Thomas A. Berryhill	New York	4 June 97	Oct. 93	4	8	5	8	6	6	0	4	Pennsylvania	17 June 86	17 June 89
	932	Eugene P. Stone	Naval Dispensary	10 Nov. 98	Sept. 98	4	10	5	8	5	11	0	10	Massachusetts	5 Aug. 86	5 Aug. 89
	933	Stephen S. White	Wheeling	27 July 96	May 93	4	2	5	10	5	2	0	7	Maryland	19 May 87	19 May 90
	934	George M. Pickrell	Buffalo	13 Apr. 98	June 95	3	7	4	8	5	10	0	6	Virginia	16 Jan. 88	16 Jan. 91
5	935	Rand P. Crandall	Iowa	16 June 97	Apr. 95	4	5	6	3	4	6	0	2	Pennsylvania	17 Jan. 88	17 Jan. 91
	936	Hatton N. T. Harris	Navy-yard, Pensacola	24 Sept. 98	Apr. 96	3	1	4	7	6	2	0	9	Virginia	13 June 87	13 June 91
	937	John F. Urie	Naval Rendezvous, Boston	....do	Sept. 98	3	3	4	4	5	9	0	5	Massachusetts	3 July 88	3 July 91
	938	A. M. D. McCormick	Waiting orders	12 Nov. 98	Nov. 98	3	6	5	2	4	10	0	5	Virginia	23 July 88	23 July 91
	939	Frederick W. Olcott	Under suspension	19 Apr. 98	Apr. 98	4	0	4	11	4	5	1	7	New Jersey	21 Jan. 87	21 Jan. 90
10	940	Will F. Arnold	Panther	20 Apr. 98	Sept. 95	3	3	4	9	5	0	0	8	Tennessee	18 Aug. 88	18 Aug. 91
	941	George B. Wilson	Training-ship and sta., Newport	18 July 97	June 97	2	8	5	4	4	1	0	7	Maine	1 Feb. 89	1 Feb. 92
	942	Charles F. Stokes	Mem. and Rec. Ex. Bd., New York	1 Dec. 98	Nov. 98	0	7	3	2	6	1	0	8	New York	....do	....do ....
	943	Edward R. Stitt	Bureau Medicine and Surgery	8 Sept. 96	June 96	2	9	4	9	4	8	0	4	South Carolina	23 Mar. 89	23 Mar. 92
	944	Manley F. Gates	Naval Hospital, Norfolk	22 Oct. 98	Sept. 97	2	10	4	10	4	9	0	2	New York	27 Mar. 89	27 Mar. 92
15	945	Charles H. T. Lowndes	Princeton	13 Nov. 97	May 95	3	6	4	3	5	4	0	2	Maryland	30 Mar. 89	30 Mar. 92
	946	George H. Barber	Glacier	14 July 98	Aug. 96	3	11	5	4	4	1	0	2	Connecticut	23 May 89	23 May 92
	947	George Rothganger	Marietta	15 July 96	Dec. 92	3	0	5	2	4	3	0	2	California	24 May 89	24 May 92
	948	George T. Smith	Naval Laboratory, New York	20 Oct. 98	Oct. 98	4	2	5	4	4	0	0	3	Virginia	3 June 89	3 June 92
	949	George A. Lung	Philadelphia	4 May 98	July 96	3	8	5	8	4	5	0	4	New York	18 Aug. 88	18 Aug 92
20	950	Luther L. Von Wedekind	Naval Academy	29 Sept. 98	Aug. 98	3	1	4	1	5	9	0	4	New York	3 Nov. 88	3 Nov. 92
	951	Edward S. Bogert, jr	Marine Rendezvous, New York	5 Dec. 98	Dec. 98	3	6	5	1	3	5	0	3	New York	16 Apr. 90	16 Apr. 93
	952	Leckinski W. Spratling	Naval Hospital, Yokohama	9 Dec. 98	Aug. 98	3	5	5	3	2	11	0	7	Alabama	....do	....do ....
	953	Robert M. Kennedy	Yorktown	30 Nov. 98	Nov. 96	3	2	3	10	4	6	0	2	Pennsylvania	a18 June 90	18 June 93
	954	Norman J. Blackwood	Naval Hospital, Philadelphia	10 Nov. 98	Aug. 98	3	2	5	1	3	1	0	4	Pennsylvania	b7 July 90	7 July 93
25	955	William C. Braisted	Naval Hospital, Newport	6 Jan. 97	Jan. 97	2	11	4	9	3	5	0	1	Michigan	24 Sept. 90	24 Sept. 93
	956	Sheldon G. Evans	Marblehead	15 Aug. 98	....do ...	2	3	4	5	3	5	0	4	Maryland	18 Nov. 90	18 Nov. 93
	957	Adrian R. Alfred	Navy-yard, New York	18 Oct. 98	Aug. 97	2	11	4	11	2	8	0	5	Michigan	24 Nov. 90	24 Nov. 93
	958	James Stoughton	Asiatic station	— Dec. 98	Sept. 94	0	0	2	6	4	10	0	3	New York	20 May 91	c20 May 94
	959	Louis L. Young	Sick leave	— Nov. 98	Sept. 98	2	8	4	9	2	2	0	8	Louisiana	....do	....do ....
30	960	Michael R. Pigott	Naval Academy	26 May 98	Mar. 98	3	2	5	0	2	5	0	2	Massachusetts	22 May 91	d22 May 94
	961	John E. Page	Olympia	18 Nov. 95	July 93	3	3	5	0	2	11	0	8	Virginia	18 June 90	18 June 94
	962	Middleton S. Guest	Detroit	10 June 96	July 95	3	3	4	9	2	3	0	2	District of Columbia	19 Nov. 91	19 Nov. 94
	963	Joseph A. Guthrie	Naval Hospital, Norfolk	20 Sept. 98	June 98	2	9	4	10	1	10	0	3	Virginia	27 Jan. 92	27 Jan. 95
	964	Charles M. De Valin	Brooklyn	18 June 96	Apr. 95	2	9	4	7	1	11	0	6	District of Columbia	....do	....do ....
35	965	Charles P. Bagg	Receiving-ship Pensacola	30 Apr. 98	Apr. 98	1	8	3	10	2	7	0	5	California	17 Mar. 92	17 Mar. 95
	966	Carl D. Brownell	Petrel	16 Dec. 96	July 93	2	1	3	8	3	10	0	3	Rhode Island	6 Apr. 91	6 Apr. 95
	967	Henry D. Wilson	Castine	10 Oct. 96	Sept. 95	2	6	3	8	2	11	0	2	New York	22 Apr. 92	22 Apr. 95
	968	Lewis Morris	Helena	16 Sept. 98	Apr. 98	2	3	3	9	3	3	0	5	Maryland	27 June 91	27 June 95
	969	John M. Moore	Raleigh	6 Apr. 97	Dec. 96	2	1	2	6	2	2	0	6	South Carolina	11 Nov. 92	11 Nov. 95
40	970	Brownlee R. Ward	Bennington	23 Apr. 96	Mar. 96	2	8	4	9	0	11	0	3	Connecticut	14 Jan. 93	14 Jan. 96
	971	Edward M. Shipp	Lancaster	25 May 96	....do ...	2	7	4	6	1	3	0	1	Virginia	20 Mar. 93	20 Mar. 96

	972	Charles E. Riggs	Topeka	5 Oct. 97	June 97	2	4	4	0	1	5	0	4	Iowa	13 Apr. 93	13 Apr. 96
	973	James F. Leys	Training-ship Essex	7 July 97	Apr. 97	2	3	4	0	1	5	0	1	Pennsylvania	22 June 93	22 June 96
	974	Richard G. Brodrick	Concord	2 June 97	July 96	1	7	3	7	1	5	0	5	California	2 Aug. 93	2 Aug. 96
45	975	Frank C. Cook	Wilmington	10 May 97	June 96	1	8	3	5	1	2	0	5	District of Columbia	22 Dec. 93	22 Dec. 96
	976	Ammen Farenholt	Charleston	9 May 98	July 97	0	10	2	6	1	11	0	2	Massachusetts	29 May 94	29 May 97
	977	Charles P. Kindleberger	Naval Hospital, Philadelphia	14 Sept. 98	May 98	2	1	3	1	1	0	0	5	Pennsylvania	9 July 94	9 July 97
	978	Arthur W. Dunbar	Resolute	13 Jan. 98	Mar. 97	0	11	2	9	1	5	0	1	California	10 Oct. 94	10 Oct. 97
	979	Theodore W. Richards	Machias	22 Mar. 98	Oct. 97	0	9	2	11	1	0	0	3	District of Columbia	12 Nov. 94	12 Nov. 97
50	980	Reginald K. Smith*	Naval Hospital, New York	14 Dec. 98	Sept. 98	0	5	3	0	0	7	0	2	Alabama	3 Apr. 95	3 Apr. 98
	981	Jacob C. Rosenbleuth‡	Receiving-ship Vermont	23 Sept. 98	....do ...	0	0	2	7	0	8	0	0	New York	14 Oct. 95	14 Oct. 98
	982	Moulton K. Johnson‡	Naval Hospital, New York	3 Oct. 98	....do ...	0	0	2	1	0	10	0	1	Ohio	e12 Nov. 95	12 Nov. 98

ASSISTANT SURGEONS (37).

		Relative rank of Ensign.														
	983	William M. Wheeler	Wheeling	24 July 97	1st cruise	1	5	1	5	1	1	0	1	New York	27 May 96	.....
	984	Robert S. Blakeman	Boston	14 Jan. 97	....do ...	2	0	2	0	0	6	0	1	Connecticut	....do	.....
	985	Samuel B. Palmer	Training-ship Annapolis	3 Dec. 96	....do ...	2	1	2	1	0	5	0	1	Georgia	6 June 96	.....
	986	George D. Costigan	Indiana	7 May 97	....do ...	1	8	1	8	0	8	0	1	California	11 Aug. 96	.....
5	987	Middleton S. Elliott	Texas	6 Mar. 97	....do ...	1	10	1	10	0	5	0	1	South Carolina	6 Oct. 96	.....
	988	Frank L. Pleadwell	Nashville	20 July 97	....do ...	1	5	1	5	0	8	0	1	Massachusetts	24 Oct. 96	.....
	989	Dudley N. Carpenter	Olympia	27 Mar. 97	....do ...	1	9	1	9	0	5	0	1	New Hampshire	....do	.....
	990	Daniel H. Morgan	Celtic	7 Oct. 98	June 98	1	3	1	3	0	10	0	0	West Virginia	27 Nov. 96	.....
	991	James C. Pryor	Fish Commission str. Albatross	27 Apr. 98	1st cruise	0	8	0	8	1	1	0	1	Tennessee	27 Feb. 97	.....
10	992	Washington B. Grove	Training-ship Vicksburg	1 Dec. 97	....do ...	0	11	0	11	0	5	0	3	Virginia	3 June 97	.....
	993	Raymond Spear	New York	25 Oct. 97	....do ...	1	2	1	2	0	3	0	1	Pennsylvania	22 June 97	.....
	994	Joseph C. Thompson	Baltimore	18 Feb. 98	....do ...	0	10	0	10	0	7	0	0	New York	19 July 97	.....
	995	Harold H. Haas	Oregon	10 Apr. 98	....do ...	0	9	0	9	0	3	0	0	Virginia	28 Dec. 97	.....
	996	Edward V. Armstrong	Scorpion	15 Apr. 98	....do ...	0	9	0	9	0	0	0	0	New York	5 Apr. 98	.....
15	997	William H. Bucher	Training-ship Alliance	4 June 98	....do ...	0	7	0	7	0	2	0	0	Pennsylvania	....do	.....
	998	Edgar Thompson	Massachusetts	20 June 98	....do ...	0	6	0	6	0	2	0	1	Missouri	19 Apr. 98	.....
	999	John B. Dennis	Oregon	1 July 98	....do ...	0	6	0	6	0	1	0	0	Maryland	20 May 98	.....
	1000	Elon O. Huntington	Newark	28 Sept. 98	....do ...	0	3	0	3	0	4	0	1	Minnesota	24 May 98	.....
	1001	Ralph T. Orvis	Training-ship Adams	3 Aug. 98	....do ...	0	5	0	5	0	1	0	1	California	27 May 98	.....
20	1002	David B. Kerr	Yankton	21 Nov. 98	....do ...	0	2	0	2	0	4	0	1	Virginia	1 June 98	.....
	1003	Charles A. Crawford	Peoria	10 Sept. 98	....do ...	0	4	0	4	0	1	0	2	Virginia	....do	.....
	1004	Eugene J. Grow	Amphitrite	21 Oct. 98	....do ...	0	2	0	2	0	4	0	1	New Hampshire	8 June 98	.....
	1005	James R. Whiting	Chicago	15 Dec. 98	....do ...	0	1	0	1	0	6	0	0	New York	14 June 98	.....
	1006	Thomas M. Lippitt	Solace	4 Dec. 98	....do ...	0	1	0	1	0	4	0	0	Virginia	27 June 98	.....
25	1007	Alfred G. Grunwell	Yosemite	5 Nov. 98	....do ...	0	2	0	2	0	4	0	0	Virginia	7 July 98	.....
	1008	Daniel G. Beebe	Buffalo	3 Oct. 98	....do ...	0	3	0	3	0	2	0	1	Minnesota	....do	.....
	1009	Cary D. Langhorne	Naval Academy	28 Dec. 98	.....	0	0	0	0	0	5	0	1	Virginia	....do	.....
	1010	Jerome S. Chaffee	Monadnock	23 Oct. 98	1st cruise	0	3	0	3	†0	5	0	0	New York	21 July 98	.....
	1011	Frederick L. Benton	Naval Hospital, Washington	26 Nov. 98	.....	0	0	0	0	0	5	0	0	New York	....do	.....
30	1012	Will M. Garton	Supply	26 Oct. 98	1st cruise	0	2	0	2	0	3	0	1	Iowa	27 July 98	.....
	1013	Frank E. McCullough	Naval Hospital, Mare Island	15 Sept. 98	.....	0	0	0	0	0	4	0	1	California	10 Aug. 98	.....
	1014	Francis M. Furlong	Iowa	28 June 98	1st cruise	0	3	†0	6	0	0	0	0	District of Columbia	16 Sept. 98	.....
	1015	Granville L. Angeny	Naval Hospital, Boston	3 Oct. 98	.....	0	0	0	0	0	3	0	1	Massachusetts	....do	.....
	1016	William H. Bell	Navy-yard, Washington	26 Nov. 98	.....	0	0	0	0	0	3	0	1	Wisconsin	....do	.....
35	1017	Holton C. Curl	Puget Sound Naval Station	25 Sept. 98	.....	0	0	0	0	†0	6	0	1	California	14 Oct. 98	.....
	1018	William L. Bell	Naval Hospital, Mare Island	21 Sept. 98	.....	0	0	0	0	†0	6	0	1	California	16 Nov. 98	.....
	1019	Richmond C. Holcomb	Naval Hospital, New York	15 Dec. 98	.....	0	0	0	0	0	1	0	0	New York	2 Dec. 98	.....

a Naval Cadet, 21 May, 1885; resigned 26 May, 1887.
b Naval Cadet, 17 May, 1883; resigned 20 February, 1886.
c Naval Cadet, 6 September, 1883; resigned 20 September, 1888.
d Naval Cadet, 6 September, 1883; honorably discharged 30 June, 1889.
e Naval Cadet, 10 June, 1889; resigned 28 June, 1893.
* Subject to examination.
† Includes service in Volunteer Navy.
‡ Subject to confirmation by Senate; not yet commissioned.

PAY CORPS, ACTIVE LIST.

PAY DIRECTORS (13).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
		Relative rank of Captain.				*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*
	1051	Charles H. Eldredge	Navy pay office, Norfolk	2 Nov. 96	Sept. 77	0	0	8	3	23	9
	1052	Edward May	Navy pay office, Boston	10 Mar. 96	July 77	0	0	10	2	23	3
	1053	Henry M. Denniston	General storekeeper, Portsmouth	31 Mar. 96	June 84	0	0	11	4	21	2
	1054	Rufus Parks	General storekeeper, Washington	5 Apr. 98	....do ...	0	0	*a*9	3	*a*12	4
5	1055	Frank C. Cosby	General inspector, Pay Corps	16 Mar. 98	Jan. 81	0	0	10	4	22	1
	1056	Edwin Stewart *	Chief Bu. Supplies and Acc'ts	16 May 90	Aug. 85	0	0	11	6	24	4
	1057	George Cochran	Navy-yard, Norfolk	9 Nov. 96	Aug. 83	0	0	12	6	14	7
	1058	Joseph A. Smith	Naval Station, Havana	21 Dec. 98	July 78	0	0	8	0	23	5
	1059	Thomas T. Caswell	Naval Academy	17 Apr. 95	Jan. 87	0	0	11	1	22	2
10	1060	Albert S. Kenny	General storekeeper, New York	1 June 96	May 95	0	0	12	3	20	5
	1061	James E. Tolfree	Navy pay office, New York	29 May 96	May 89	0	0	*a*14	3	*a*19	7
	1062	George A. Lyon	Navy pay office, Philadelphia	1 Apr. 98	July 97	0	0	12	4	18	0
	1063	Edward Bellows *b*	Returning from Baltimore	—Dec. 98	Dec. 98	0	4	10	9	5	11

PAY INSPECTORS (13).

		Relative rank of Commander.									
	1064	George W. Beaman	Navy-yard, Boston	7 May 96	Mar. 96	2	8	*a*12	5	*a*17	11
	1065	Arthur Burtis	New York (fleet paymaster)	1 July 97	Jan. 92	1	10	12	11	17	2
	1066	Edwin Putnam	General storekeeper, Norfolk	20 May 98	Oct. 91	0	0	13	10	16	6
	1067	Robert P. Lisle	Naval Home	10 Nov. 98	Oct. 98	2	1	*a*14	9	*a*16	7
5	1068	Leonard A. Frailey	Bureau Supplies and Accounts	10 Oct. 98	Sept. 98	0	4	*a*12	1	*a*19	0
	1069	George E. Hendee	General storekeeper, Boston	31 Mar. 96	Feb. 95	0	1	*a*13	2	*a*17	0
	1070	Henry T. Wright	Navy-yard, New York	1 Sept. 97	July 96	1	3	*a*15	7	*a*13	3
	1071	Daniel A. Smith	Olympia (fleet paymaster)	26 Dec. 96	Feb. 96	2	0	*a*17	1	*a*14	8
	1072	George H. Griffing	Navy pay office, San Francisco	20 Nov. 96	Dec. 94	0	0	*a*12	10	*a*16	0
10	1073	Albert W. Bacon	General storekeeper, Mare Island	5 Feb. 97	Jan. 97	0	0	*a*13	3	*a*16	9
	1074	Charles W. Slamm	Receiving-ship Franklin	24 Apr. 98	Feb. 95	0	0	*a*15	7	*a*12	5
	1075	Joseph Foster	Navy-yard, Portsmouth	14 July 98	Oct. 96	0	0	*a*15	8	*a*14	2
	1076	Theodore S. Thompson	Waiting orders	4 Oct. 98	Oct. 98	0	3	*a*15	3	*a*12	9

PAYMASTERS (40).

		Relative rank of Lieut. Commander (13).									
	1077	William J. Thomson	Coast survey	30 Sept. 98	Sept. 98	9	10	*a*17	9	*a*12	9
	1078	Henry G. Colby	Asst. to Bureau of S. and A	1 Feb. 98	Jan. 98	7	11	*a*14	7	*a*14	7
	1079	John B. Redfield †	Receiving-ship Richmond	23 May 98	Apr. 97	6	4	*a*14	5	*a*11	1
	1080	Ichabod G. Hobbs	Brooklyn	1 Dec. 96	Nov. 93	8	4	*a*18	1	*a*10	11
5	1081	Joel P. Loomis	Cadet storek'r, Naval Academy	15 Sept. 96	Oct. 95	6	11	*a*15	0	*a*14	4
	1082	Henry T. B. Harris	Receiving-ship Vermont	20 Aug. 97	Nov. 94	5	8	*a*12	3	*a*14	11
	1083	Stephen Rand	Navy pay office, Washington	15 July 97	May 97	5	3	*a*16	3	*a*14	6
	1084	Lawrence G. Boggs	Massachusetts	15 Mar. 98	Oct. 94	4	0	15	3	11	4
	1085	Samuel R. Colhoun	Torpedo station	1 Dec. 98	Sept. 98	5	10	12	2	11	9
10	1086	William W. Barry	Navy-yard, Mare Island	1 Oct. 96	Apr. 93	3	0	*a*11	0	*a*14	11
	1087	Josiah R. Stanton	Philadelphia	29 June 98	Dec. 95	3	4	12	9	12	2
	1088	James A. Ring	Iowa	16 June 97	Sept. 94	4	11	13	9	9	2
	1089	James E. Cann	Training-ship Adams	15 July 96	June 93	4	0	12	11	12	2

a Includes service in Volunteer Navy.
* Paymaster-General, with relative rank of Commodore.
† Also has accounts of "Uncas."
b Subject to examination.

PAY CORPS, ACTIVE LIST.

PAY DIRECTORS (13).

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry and promotions. Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.	Pay Director.
	5	6	New York		10 July 61		6 Feb. 62	3 July 71	31 Aug. 81
	3	11	Massachusetts		6 Sept. 61		14 Apr. 62	25 Sept. 75	24 Dec. 83
	4	10	New York		9 Sept. 61		do	19 Aug. 76	31 July 84
	8	9	New York		12 Sept. 61		do	23 Feb. 77	10 Aug. 86
5	4	11	Kentucky		a24 Aug. 61		do	12 Apr. 77	5 July 89
	1	5	New York		9 Sept. 61		do	8 Mar. 79	12 Sept. 91
	10	2	Pennsylvania		27 Sept. 61		12 June 63	6 Dec. 80	19 Nov. 91
	5	10	Maine		8 Oct. 61		23 Aug. 62	15 May 79	24 Nov. 91
	4	1	Rhode Island		9 Sept. 61		17 Sept. 63	31 Aug. 81	25 Dec. 92
10	4	2	Vermont		19 Mar. 62		9 Mar. 65	31 July 84	26 Sept. 97
	2	6	New York	13 Sept. 62	3 Mar. 65		22 Jan. 66	10 Aug. 86	12 Feb. 98
	6	2	Pennsylvania		11 June 62		23 Jan. 66	15 Sept. 88	15 Mar. 98
	19	10	New Hampshire		do		20 Feb. 66	5 July 89	10 July 98

PAY INSPECTORS (13).

	6	6	Missouri	5 Mar. 62	11 June 62		28 Mar. 66	12 Sept. 91	
	6	4	New York		14 July 62		4 May 66	21 Sept. 91	
	6	0	Maine		20 Sept. 62		do	19 Nov. 91	
	3	10	Pennsylvania	2 Nov. 63	2 July 64	4 May 66	11 Dec. 67	19 Jan. 92	
5	3	3	District of Columbia	20 Aug. 64		23 July 66	29 Jan. 69	24 May 94	
	4	3	Massachusetts	b25 Mar. 64		do	27 Feb. 69	9 Jan. 95	
	6	0	Wisconsin	19 Feb. 64		do	10 Mar. 70	10 Apr. 95	
	3	7	New Hampshire	31 Aug. 63		do	23 July 70	10 Oct. 96	
	5	4	Maryland	18 Nov. 64		do	3 Oct. 74	26 Sept. 97	
10	5	2	Pennsylvania	c7 Nov. 63	23 July 66	1 Aug. 66	25 Oct. 74	12 Feb. 98	
	8	2	New York	4 Nov. 62	do	22 Mar. 67	28 Aug. 76	15 Mar. 98	
	5	4	New Hampshire	d19 Oct. 63	do	10 May 67	23 Feb. 77	15 June 98	
	7	5	Massachusetts	9 Oct. 63	do	1 Feb. 68	25 Jan. 78	10 July 98	

PAYMASTERS (40).

	3	3	Maryland	29 Mar. 65	23 July	20 Mar. 68	16 Feb. 78		
	5	9	Vermont	22 June 63	do	9 Apr. 68	6 Sept. 78		
	7	3	Michigan	e16 Jan. 65	21 Feb. 67	11 June 68	8 Mar. 79		
	3	9	Maine	31 Aug. 64	do	16 Sept. 68	15 May 79		
5	5	10	Pennsylvania	27 Oct. 63	do	29 Jan. 69	6 Dec. 80		
	5	7	New York	1 Nov. 64	do	17 Feb. 69	18 Jan. 81		
	3	4	New Hampshire		f12 Aug. 69	30 Apr. 74	31 July 84		
	2	8	District of Columbia		g24 Sept. 69	25 Oct. 74	28 Jan. 86		
	5	4	Pennsylvania		28 Sept. 69	15 Jan. 75	16 July 86		
10	5	0	Massachusetts	30 July 63	15 Mar. 70	12 Apr. 77	18 Dec. 86		
	3	10	New York		25 Mar. 70	25 Nov. 77	26 Mar. 89		
	6	1	Massachusetts		24 Jan. 70	23 Feb. 77	20 Aug. 89		
	3	5	Pennsylvania		14 July 70	22 Oct. 78	21 Sept. 91		

a Captain's clerk, 17 May, 1857; sea service, 3 years 1 month.
b Paymaster's clerk, 10 October, 1861; sea service, 1 year 8 months.
c Captain's clerk, 10 December, 1861; sea service, 11 months.
d Captain's clerk, 3 October, 1862; sea service, 1 year.
e Paymaster's clerk, February, 1864; sea service, 11 months.
f Acting Third Assistant Engineer, 17 December, 1864; sea service, 4 years 3 months.
g Paymaster's clerk, 1 October, 1862; sea service, 1 year 9 months; shore, 3 years 8 months.

PAYMASTERS—Continued.

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
		Relative rank of Lieutenant (27).				*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*
	1090	John N. Speel	Navy-yard, League Island	16 July 98	May 98	3	5	11	3	8	9
15	1091	Reah Frazer	Indiana	10 Dec. 96	July 93	3	6	13	8	5	0
	1092	Hiram E. Drury	Clothing Factory, New York	1 Jan. 98	Jan. 98	2	5	7	8	11	6
	1093	Charles W. Littlefield	Receiving-ship Wabash	1 Nov. 98	Sept. 98	3	2	10	9	7	9
	1094	Arthur Peterson	Baltimore	20 Apr. 97	Feb. 94	2	2	9	9	8	10
	1095	Ambrose K. Michler	Bureau of Supplies and Accounts	17 Mar. 98	Feb. 89	0	0	6	1	11	2
20	1096	William W. Galt	Glacier	20 Nov. 96	Feb. 93	2	0	11	5	7	8
	1097	John R. Martin	Boston	18 Nov. 95	Apr. 94	3	4	12	8	4	4
	1098	Charles M. Ray	Navy pay office, Baltimore	19 May 98	Mar. 98	2	5	8	7	9	5
	1099	Mitchell C. McDonald	Naval Hospital, Yokohama	21 Oct. 97	Aug. 97	2	0	8	0	9	3
	1100	Eustace B. Rogers	Monterey	1 Apr. 97	July 95	2	7	8	2	9	6
25	1101	Leeds C. Kerr	Minneapolis*	15 Mar. 98	Jan. 98	3	4	11	3	6	5
	1102	Richard T. M. Ball	Chicago	1 Dec. 98	Aug. 98	1	8	8	6	7	4
	1103	Charles S. Williams	Ordered to Navy-yard, League Is.	21 Dec. 98	Dec. 98	5	6	10	5	4	10
	1104	Thomas J. Cowie	Tr. ship and station, Newport	1 Aug. 97	Apr. 97	1	7	6	11	9	7
	1105	John S. Carpenter	Texas	1 Jan. 98	Apr. 93	1	0	8	1	7	6
30	1106	Livingston Hunt	Navy-yard, Washington	1 Dec. 98	Nov. 98	1	8	9	4	6	7
	1107	John A. Mudd	Navy-yard, New York	6 Oct. 98	Mar. 96	0	0	6	4	9	3
	1108	Willis B. Wilcox	Monadnock	11 July 96	Mar. 92	1	6	9	4	5	3
	1109	George W. Simpson	Newark	1 Dec. 98	June 98	0	9	7	7	6	6
	1110	Harry R. Sullivan	New Orleans	29 May 97	June 94	1	0	8	6	7	10
35	1111	Samuel L. Heap	Raleigh	20 Nov. 97	Aug. 94	0	10	8	11	7	3
	1112	John Q. Lovell	Amphitrite	13 Apr. 98	Feb. 95	0	9	6	5	9	3
	1113	James S. Phillips	Charleston	21 Apr. 98	May 96	0	8	6	6	7	5
	1114	Thomas S. Jewett	Bureau of Supplies and Accounts	23 June 96	Jan. 95	0	0	2	7	3	11
	1115	Frank T. Arms	Detroit	15 Sept. 97	May 95	0	7	5	0	1	7
40	1116	Thomas H. Hicks	Navy-yard, New York	7 Dec. 97	May 97	0	0	3	11	2	4

* Also has accounts of "Columbia," "Katahdin," "Panther," "Vulcan," and "Yosemite."

PAYMASTERS—Continued.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.		
				Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.
	Ys	Ms				
	3	6	Minnesota	1 July 75	15 May 79	24 Nov. 91
15	4	9	Pennsylvania	a15 July 75	27 Oct. 79	19 Jan. 92
	3	2	Massachusetts	8 Sept. 76	9 Mar. 81	25 Feb. 92
	3	9	Maine	....do	16 June 81	25 Dec. 92
	3	3	Pennsylvania	23 Feb. 77	14 July 81	15 Aug. 93
	3	11	District of Columbia	31 Oct. 77	1 Sept. 81	12 Sept. 93
20	1	10	Virginia	25 Jan. 78	15 Oct. 81	26 Sept. 93
	3	7	Ohio	14 June 78	30 Jan. 82	2 Feb. 94
	1	10	District of Columbia	3 Mar. 79	2 Apr. 82	7 Feb. 94
	2	7	Pennsylvania	....do	20 May 82	7 Apr. 94
	2	2	California	....do	2 Nov. 84	24 May 94
25	0	11	Maryland	16 June 80	25 Feb. 87	30 Mar. 95
	2	9	Virginia	....do	19 June 88	10 Apr. 95
	3	4	Wisconsin	....do	20 Aug. 89	13 June 95
	2	1	Iowa	....do	26 Mar. 89	11 Sept. 95
	1	7	Kentucky	29 Oct. 81	19 Nov. 91	14 Aug. 96
30	1	3	New York	....do	24 Nov. 91	10 Oct. 96
	1	7	Missouri	... b do	19 Jan. 92	1 Nov. 96
	2	7	Iowa	....do	19 Feb. 92	9 July 97
	2	8	New York	1 Apr. 82	25 Dec. 92	26 Sept. 97
	2	3	Ohio	16 June 80	19 June 88	1 Nov. 97
35	0	8	District of Columbia	c1 Apr. 82	15 Aug. 93	5 Feb. 98
	0	9	Louisiana	26 July 82	12 Sept. 93	12 Feb. 98
	2	3	Kansas	21 Oct. 82	26 Sept. 93	15 Mar. 98
	0	4	Missouri	14 Mar. 92	2 Feb. 94	30 Mar. 98
	0	3	Connecticut	....do	7 Feb. 94	15 June 98
40	0	4	Maryland	27 May 92	7 Apr. 94	10 July 98

a Captain's clerk from 2 November, 1872, to 29 May, 1875; sea service, 2 years 6 months 27 days.
b Cadet Midshipman, 11 September, 1875; Midshipman from 10 June, 1881, to 29 October, 1881; sea service, 2 years 2 months; shore duty, 3 years 8 months.
c Cadet Midshipman, 4 November, 1872; sea service, 0 years 3 months; shore duty, 1 year 4 months.

PAY CORPS.

PASSED ASSISTANT PAYMASTERS (20).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotion.	
															Assistant Paymaster.	Passed Assistant Paymaster.
		Relative rank of Lieutenant (junior grade) (20).				Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms			
	1117	Henry E. Jewett	Cincinnati	23 Mar. 98	Oct. 95	2	1	3	8	2	8	0	3	New Jersey	27 May 92	24 May 94
	1118	Ziba W. Reynolds	Oregon	10 Mar. 98	Dec. 95	1	9	3	8	2	8	0	3	Pennsylvania	....do	9 Jan. 95
	1119	Eugene D. Ryan	Nansban *a*	10 June 97	Mar. 96	3	2	5	3	4	6	0	2	New York	29 July 92	27 Feb. 95
	1120	Samuel McGowan	Naval Station, Port Royal	6 Apr. 98	Apr. 97	2	6	3	2	1	6	0	2	South Carolina	15 Mar. 94	30 Mar. 95
5	1121	Henry A. Dent	Marblehead	15 Apr. 97	Jan. 97	3	6	3	11	0	6	0	4	Alabama	....do	10 Apr. 95
	1122	Walter L. Wilson	Returning from Mayflower	— Dec. 98	Dec. 98	3	6	4	3	0	5	0	2	West Virginia	....do	13 June 95
	1123	William J. Littell	Navy-yard, New York	25 Feb. 98	Dec. 97	2	3	3	3	1	3	0	4	New York	....do	11 Sept. 95
	1124	Philip V. Mohun	General Storekeeper, Pensacola	12 Mar. 98	Nov. 97	1	3	3	3	1	4	0	2	District of Columbia	....do	14 Aug. 96
	1125	Martin McM. Ramsay	Navy-yard, Washington	15 Dec. 98	Oct. 98	2	0	3	9	0	5	0	3	District of Columbia	22 Aug. 94	10 Oct. 96
10	1126	Joseph J. Cheatham	Waiting orders	21 Dec. 98	Nov. 98	2	0	3	8	0	6	0	2	Tennessee	....do	1 Nov. 96
	1127	Richard Hatton	Navy-yard, Boston	1 Dec. 98	Oct. 98	1	1	2	8	1	0	0	2	Iowa	2 Mar. 95	26 Sept. 97
	1128	Barron P. Du Bois	Bennington	31 Mar. 96	1st cruise.	1	2	2	9	0	9	0	1	New Jersey	23 May 95	1 Nov. 97
	1129	Harry E. Biscoe	Navy-yard, Norfolk	20 Nov. 98	Nov. 98	0	9	2	8	0	7	0	1	Michigan	28 Aug. 95	5 Feb. 98
	1130	John Irwin, jr.	Settling accounts	— Dec. 98	Dec. 98	0	9	2	10	0	5	0	1	California	5 Sept. 95	12 Feb. 98
15	1131	George G. Seibels	Petrel	28 Dec. 96	1st cruise.	0	10	2	0	0	3	0	1	Alabama	31 Aug. 96	6 Mar. 98
	1132	Edmund W. Bonnaffon	Montgomery	18 Jan. 97	....do	0	9	1	10	0	3	0	1	Pennsylvania	7 Nov. 96	15 Mar. 98
	1133	Joseph Fyffe	Training-ship Annapolis	7 Apr. 97	....do	0	3	1	4	0	7	0	2	Massachusetts	28 Dec. 96	30 Mar. 98
	1134	John H. Merriam	Waiting orders	30 Nov. 98	Nov. 98	0	5	1	4	0	2	0	2	Minnesota	18 May 97	15 June 98
	1135	Timothy S. O'Leary †	Nashville	19 Aug. 97	1st cruise.	*b* 1	4	3	6	4	3	0	5	Massachusetts	*b* 26 July 97	10 July 98
20	1136	Ulysses G. Ammen †	Training-ship Essex	18 Oct. 97	....do	0	2	1	1	0	1	0	1	Maryland	1 Oct. 97	23 Oct. 98

ASSISTANT PAYMASTERS (25).

		Relative rank of Ensign (25).														
	1137	Robert C. Schenck	Training-ship Vicksburg	12 Nov. 97	1st cruise.	1	2	1	2	0	0	0	1	Maryland	20 Oct. 97	
	1138	George Brown, jr	Puget Sound Naval Station	1 June 98	May 98	*c* 0	5	0	5	2	10	0	1	Indiana	15 Nov. 97	
	1139	Walter B. Izard	Machias	22 Mar. 98	1st cruise.	*d* 0	9	1	3	3	0	0	1	South Carolina	18 Feb. 98	
	1140	David Potter	Buffalo	15 Mar. 98	....do....	0	10	0	10	0	0	0	1	New Jersey	....do....	
5	1141	Samuel Bryan	Dolphin	24 Mar. 98	....do....	*e* 0	9	2	7	4	9	0	6	District of Columbia	14 Mar. 98	
	1142	George M. Lukesh	Monocacy	2 Apr. 98	....do....	0	6	0	6	0	2	0	1	Ohio	17 Mar. 98	
	1143	John W. Morse	Wilmington	25 Apr. 98	....do....	0	7	0	7	0	1	0	0	Massachusetts	12 Apr. 98	
	1144	Arthur F. Huntington	Topeka	11 May 98	....do....	*f* 0	8	0	8	0	0	0	0	New York	10 May 98	
	1145	Harry H. Balthis	Lancaster	16 May 98	....do....	*g* 0	8	0	8	0	0	0	0	Colorado	....do....	
10	1146	Charles Conard	Training-ship Alliance	24 May 98	....do....	*h* 0	7	0	7	0	0	0	0	New York	....do....	
	1147	William T. Gray	Clothing factory, New York	23 May 98	.....	*i* 0	0	2	1	5	4	0	3	North Carolina	....do....	
	1148	George P. Dyer	Princeton	30 May 98	1st cruise.	0	7	0	7	0	0	0	0	New York	20 May 98	
	1149	Robert H. Woods	Settling accounts	31 Dec. 98	Dec. 98	*j* 0	6	0	6	0	1	0	0	District of Columbia	....do....	
	1150	Robert H. Orr	Helena	21 Sept. 98	1st cruise.	*k* 0	3	0	3	0	4	0	0	Delaware	....do....	
15	1151	William A. Merritt	Yankton	14 June 98	....do....	0	7	0	7	0	0	0	0	Maryland	....do....	
	1152	Franklin W. Hart	Celtic	22 Sept. 98	....do....	0	3	0	3	0	4	0	0	District of Columbia	....do....	
	1153	Harrison L. Robins	Marietta	1 Sept. 98	....do....	0	4	0	4	0	3	0	1	Mississippi	....do....	
	1154	Webb V. H. Rose	Castine	30 Sept. 98	....do....	0	3	0	3	0	4	0	0	New York	....do....	
	1155	William H. Doherty	Wheeling	20 June 98	....do....	0	6	0	6	0	1	0	0	Massachusetts	....do....	
20	1156	Charles W. Penrose	Scindia	28 May 98	....do....	0	7	0	7	0	0	0	0	New York	....do....	
	1157	Charles Morris, jr	Hist	11 June 98	....do....	0	7	0	7	0	0	0	0	Massachusetts	....do....	
	1158	Abel B. Pierce	Iris	9 June 98	....do....	0	7	0	7	0	0	0	0	New York	....do....	
	1159	Frederick K. Perkins	Yorktown	17 Nov. 98	....do....	0	1	0	1	0	4	0	1	California	17 June 98	
	1160	George C. Shafer	Settling accounts	30 Dec. 98	Dec. 98	*l* 0	6	0	6	0	1	0	0	District of Columbia	10 July 98	
25	1161	Theodore J. Arms	Peoria	14 July 98	1st cruise.	*m* 0	2	0	6	0	1	0	0	New York	23 Oct. 98	

† Subject to examination.
a Also duty connection Naval Station, Cavite, P. I.
b Cadet Midshipman, 29 September, 1879; honorably discharged, 30 June, 1885.
c Naval Cadet, 6 September, 1893; resigned, 20 November, 1895.
d Naval Cadet, 10 September, 1890; resigned, 17 June, 1891; reappointed, 7 September, 1891; resigned, 28 February, 1895.
e Cadet Midshipman, 24 June, 1876; honorably discharged, 30 June, 1883.
f Assistant Paymaster for temporary service, 27 April, 1898.
g Assistant Paymaster for temporary service, 27 April, 1898.
h Assistant Paymaster for temporary service, 27 April, 1898.
i Cadet Midshipman, 28 June, 1878; honorably discharged, 30 June, 1885; Assistant Paymaster for temporary service, 27 April, 1898.
j Appointed Naval Cadet, 30 September, 1878; honorably discharged, 30 June, 1885.
k Cadet Engineer, 1 October, 1880; honorably discharged, 30 June, 1886.
l Assistant Paymaster for temporary service, 11 June, 1898.
m Assistant Paymaster for temporary service, 11 June 1898.

ENGINEER CORPS, ACTIVE LIST.

CHIEF ENGINEERS (70).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
		Relative rank of Captain (11).									
	1201	William G. Buehler	Navy-yard, Portsmouth	24 Dec. 94	Mar. 88	12	0	17	0	21	2
	1202	Louis J. Allen	Union Iron Works	27 Jan. 98	May 95	12	11	18	2	19	1
	1203	George W. Melville *	Chief Bur. Steam Engineering	16 Jan. 88	Nov. 84	2	6	17	8	18	7
	1204	Joseph Trilley	Navy-yard, Mare Island	21 May 96	Jan. 96	9	11	17	1	15	1
5	1205	Peter A. Rearick	Insp. mach. Newport News	5 May 96	May 96	11	4	21	0	14	0
	1206	Augustus H. Able	Sick leave	1 Dec. 98	Aug. 93	9	9	17	6	15	4
	1207	George J. Burnap	Insp. mach. Cramp's shipyard	25 Nov. 97	Nov. 97	9	9	19	0	15	2
	1208	Cipriano Andrade	Mem. Board Inspection and Survey	3 Oct. 98	Apr. 97	8	4	19	1	14	3
	1209	John Lowe †	Mem. Engineer Ex. Board	21 Nov. 98	Dec. 97	7	8	21	0	13	9
10	1210	Chas. J. MacConnell	Sick leave	28 Sept. 98	Aug. 98	6	0	20	2	9	1
	1211	Lewis W. Robinson	Waiting orders	29 Dec. 97	Apr. 97	6	0	18	7	13	0
		Relative rank of Commander (15).									
	1212	William H. Harris	Bath Iron Works	15 Mar. 98	Feb. 98	5	8	18	10	13	11
	1213	James Entwistle	Raleigh	10 Dec. 95	May 90	5	8	19	10	13	3
	1214	Ralph Aston	Brooklyn	4 Aug. 97	Aug. 94	4	7	20	11	9	1
15	1215	William A. Windsor	Navy-yard, New York	17 Jan. 98	Jan. 98	4	7	19	11	11	9
	1216	Henry S. Ross	Newark	10 June 96	June 93	5	8	18	2	8	7
	1217	John L. Hannum	Minneapolis and Columbia	16 Dec. 98	Aug. 98	4	0	20	6	9	8
	1218	Charles R. Roelker	Mem. Board Inspection and Survey	14 Nov. 98	Nov. 98	3	7	12	10	21	2
	1219	John D. Ford	Olympia (Fleet Engineer)	1 Dec. 96	Oct. 93	4	10	16	7	16	4
20	1220	Alexander B. Bates	Texas	20 Sept. 97	May 95	3	10	19	5	10	9
	1221	Robert W. Milligan	New York	25 Apr. 96	Jan. 93	3	4	18	2	14	0
	1222	Albert C. Engard	Philadelphia	23 June 98	Apr. 95	3	6	21	8	11	2
	1223	John A. B. Smith	Navy-yard, Norfolk	27 Feb. 96	Jan. 96	1	7	15	11	15	2
	1224	George W. Baird	Supt. State, War, and Navy b'ldg	5 Aug. 95	July 95	3	0	a19	0	a16	11
25	1225	Charles W. Rae	Iowa	16 June 97	Mar. 93	1	8	14	3	15	11
	1226	Richard Inch	Charleston	4 June 97	July 94	3	6	20	5	10	3
		Relative rank of Lieutenant-Commander (1).									
	1227	Harrie Webster	Bureau Steam Engineering	20 Dec. 97	Dec. 97	3	4	a17	10	a14	9
		Relative rank of Lieutenant (35).									
	1228	Holland N. Stevenson	Monterey	21 Aug. 97	July 94	2	11	17	9	12	0
	1229	George Cowie	Montgomery	8 Dec. 96	Jan. 94	2	3	a20	2	a8	7
30	1230	George H. Kearny	Naval Academy	15 June 97	Apr. 97	3	1	15	2	13	7
	1231	William S. Moore	Receiving-ship Vermont	29 Oct. 98	Oct. 98	3	9	17	1	13	8
	1232	Julien S. Ogden	Navy-yard, Washington	1 Aug. 98	June 98	4	2	16	6	14	2
	1233	Warner B. Bayley	Massachusetts	10 Jan. 98	Apr. 96	2	11	a17	11	a12	4
	1234	Charles P. Howell	Naval Station, Havana	21 Dec. 98	Dec. 98	2	6	17	10	8	8
35	1235	James H. Perry	Oregon	23 Jan. 98	July 97	2	0	a17	10	a14	1
	1236	Albert F. Dixon	Chicago	1 Dec. 98	June 97	3	0	18	6	6	0
	1237	Joseph P. Mickley	Inspection duty, Philadelphia	14 Oct. 98	July 98	1	5	a18	10	a10	7
	1238	William H. Nauman	Receiving-ship Wabash	26 Nov. 98	Mar. 98	3	0	12	9	11	3
	1239	John K. Barton	Navy-yard, Boston	31 Oct. 98	May 97	2	2	12	7	12	9
40	1240	Robert G. Denig	Topeka	22 Apr. 98	May 96	2	0	13	6	11	2
	1241	George B. Ransom	Boston	21 Mar. 97	Oct. 93	1	9	13	3	11	10
	1242	William C. Eaton	Amphitrite	30 Mar. 97	July 94	1	9	14	2	9	6
	1243	Alfred B. Canaga	Bureau of Steam Engineering	2 Mar. 96	Apr. 95	0	0	13	7	11	0
	1244	Abraham V. Zane	Civil Service Commission	1 Oct. 98	July 97	1	11	13	5	10	10

* Engineer in chief, with relative rank of Commodore.
† Three months and thirteen days in Volunteer Army.

a Includes service in Volunteer Navy.

ENGINEER CORPS, ACTIVE LIST.

CHIEF ENGINEERS (70).

Number in grade.	Unemployed. Yrs	Unemployed. Ms	Appointed from—	Entry and promotions. Acting Third Assistant Engineer.	Third Assistant Engineer.	Second Assistant Engineer.	First Assistant Engineer.	Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	2	11	Pennsylvania		21 Nov. 57	8 Oct. 61	6 Oct. 62			10 Nov. 63
	2	5	Maryland		3 May 59	13 May 61	20 May 63			4 Mar. 71
	1	2	New York		29 July 61	18 Dec. 62	30 Jan. 65		24 Feb. 74	4 Mar. 81
	6	2	Maryland		11 Aug. 60	30 July 62	20 July 64			31 Jan. 73
5	3	10	Dist. of Columbia		17 Feb. 60	22 July 62	1 Mar. 64		24 Feb. 74	25 Mar. 74
	5	0	Pennsylvania		21 Feb. 61	21 Apr. 63	1 Dec. 64		do	20 Nov. 74
	3	6	New York		13 May 61	16 Jan. 63	1 Jan. 65		do	1 Nov. 79
	4	1	Pennsylvania		1 July 61	18 Dec. 62	30 Jan. 65		do	11 Sept. 81
	2	7	Ohio		14 Aug. 61	21 Apr. 63	11 Oct. 66		do	16 June 83
10	7	11	New Jersey		29 Oct. 61	30 July 63	do		do	2 Dec. 85
	5	8	New Jersey		21 Sept. 61	do	do		do	19 Aug. 83
	4	6	Massachusetts		do	do	do		do	27 Dec. 83
	4	1	New Jersey		29 Oct. 61	3 Aug. 63	do		do	1 July 87
	7	1	Connecticut		9 Dec. 61	8 Sept. 63	1 Jan. 68		do	28 July 88
15	4	8	Maryland		16 Sept. 62	1 Mar. 64	do		do	17 June 89
	9	5	New York		17 Nov. 62	23 Mar. 64	do		do	28 Jan. 90
	5	6	Pennsylvania		21 Apr. 63	28 Sept. 64	23 Nov. 72		do	4 May 91
	2	1	New York		8 Dec. 62	8 Apr. 64	do		do	10 Nov. 90
	3	5	Maryland		30 July 62	15 Feb. 64	6 June 68		do	27 Dec. 90
20	5	10	Maryland		16 Jan. 63	28 May 64	1 Jan. 74		do	12 Apr. 92
	3	3	Pennsylvania		3 Aug. 63	25 July 66		24 Feb. 74	25 Mar. 74	16 May 92
	3	0	Pennsylvania		17 Mar. 63	26 July 66	11 Jan. 73		24 Feb. 74	3 Oct. 91
	4	7	Maryland		21 Apr. 63	28 Sept. 64	do		do	16 Feb. 92
	0	4	Dist. of Columbia	19 Sept. 62	8 Sept. 63	25 July 66			17 June 74	22 June 92
25	2	1	New York	10 Oct. 66	2 June 68	2 June 69		24 Feb. 74	28 Dec. 75	21 Feb. 93
	4	8	Dist. of Columbia		8 Sept. 63	15 Oct. 65		do	28 Sept. 74	3 Aug. 92
	4	3	Dist. of Columbia	8 Feb. 62	20 May 64	1 Jan. 68		do	29 Oct. 74	7 Oct. 92
	2	6	New York	10 Oct. 66	2 June 68	2 June 69		do	13 Dec. 74	14 Dec. 92
	3	3	Iowa	a 23 May 64		9 July 70		do	3 Dec. 76	12 Sept. 93
30	3	6	New York	10 Oct. 66	2 June 68	2 June 69		do	1 Jan. 76	27 June 93
	1	5	Massachusetts	do	do	do		do	11 June 76	10 Aug. 93
	1	6	New York	do	do	do		do	20 Oct. 75	17 Jan. 93
	2	8	New York	4 Aug. 64		2 Sept. 70		do	21 Sept. 77	25 May 94
	4	9	New York		(b)	15 Aug. 70		do	3 Dec. 76	10 Nov. 93
35	2	9	Connecticut	(c)		1 Sept. 70		do	25 Apr. 77	1 Apr. 94
	3	8	Massachusetts			29 Oct. 70		do	4 Nov. 77	13 July 94
	3	1	Pennsylvania	d 28 Mar. 64		20 Mar. 71		do	24 Feb. 78	28 Aug. 94
	2	8	Pennsylvania			24 Apr. 72		do	do	12 Sept. 94
				Cadet Engineer.						
	1	11	Pennsylvania	1 Oct. 71		23 Jan. 74		24 Feb. 74	1 Nov. 79	15 Jan. 95
40	2	7	Ohio	do		do		do	25 Mar. 80	29 Jan. 95
	2	1	New York	do				26 Feb. 75	4 July 80	9 May 95
	2	7	New York	1 Oct. 72				do	4 Mar. 81	1 June 95
	1	8	Ohio	do				do	10 Mar. 81	6 Aug. 95
	3	0	Pennsylvania	1 Oct. 71				do	27 Aug. 81	11 Sept. 95

a Acting Second Assistant Engineer 22 April, 1865; honorably discharged 19 December, 1865.
b Cadet Engineer 7 October, 1867.
c Acting Second Assistant Engineer 29 January, 1867.
d Honorably discharged 11 January, 1869.

CHIEF ENGINEERS—Continued.

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
						Ys	Ms	Ys	Ms	Ys	Ms
45	1245	John R. Edwards	Cincinnati	29 Nov. 97	Oct. 94	0	8	14	8	9	5
	1246	Stacy Potts	Detroit	18 Feb. 96	July 93	2	10	15	6	9	7
	1247	Henry T. Cleaver	Yorktown	17 Nov. 98	June 98	2	5	17	7	4	9
	1248	Albert B. Willits	Bureau of Steam Engineering	6 May 98	Oct. 97	1	7	14	2	9	8
	1249	James P. S. Lawrance	Wilmington	10 May 97	June 94	1	8	14	7	7	5
50	1250	Isaac S. K. Reeves	Receiving ship Franklin	22 Dec. 98	Dec. 98	2	5	13	5	8	8
	1251	Wythe M. Parks	Miantonomoh	10 Mar. 98	June 95	0	10	11	7	9	0
	1252	Frank H. Bailey	Baltimore	15 Aug. 96	Oct. 91	2	5	13	5	10	5
	1253	George S. Willits	Marblehead	18 Oct. 97	Aug. 94	1	2	12	7	9	6
	1254	Walter F. Worthington	Inspection duty (Bu. S. E.)	6 Oct. 98	Oct. 98	1	4	12	8	11	10
55	1255	William N. Little	Iris	11 July 98	Nov. 95	0	6	13	3	11	10
	1256	Edward R. Freeman	Nashville	19 Aug. 97	July 94	1	4	13	10	9	7
	1257	Theo. F. Burgdorff	Monadnock	10 June 98	Apr. 97	0	8	14	6	9	8
	1258	Frank H. Eldridge	Helena	7 July 97	Aug. 94	1	6	14	4	10	5
	1259	Edgar T. Warburton	New Orleans	4 Sept. 96	Oct. 93	1	7	14	0	9	9
60	1260	Robert I. Reid	Terror	8 Dec. 96	Feb. 94	1	0	18	8	6	2
	1261	George W. McElroy	Inspection duty, Elizabethport	21 Oct. 98	Oct. 98	0	2	13	8	8	5
	1262	Reynold T. Hall	Concord	20 July 96	Aug. 93	0	11	11	2	7	3
	1263	Franklin J. Schell	Naval Academy	20 Sept. 98	Sept. 97	0	1	11	7	10	10
	1264	Robert S. Griffin	Mayflower	23 Oct. 97	July 93	0	10	10	0	13	4
65	1265	Frank W. Bartlett	Naval Station, San Juan	5 Nov. 98	Sept. 98	0	1	12	6	9	10
	1266	Frederick C. Bieg	Buffalo	10 Mar. 98	Dec. 94	0	3	11	9	11	2
	1267	Howard Gage*	Bennington	29 June 98	Jan. 96	0	3	14	1	8	8
	1268	John L. Gow†	Navy-yard, Boston	16 Dec. 98	Dec. 98	0	2	12	5	10	9
	1269	George E. Burd†	Inspection duty (Bu. S. E.)	15 Dec. 98	Dec. 98	0	1	13	7	9	9
70	1270	Walter M. McFarland†	Bureau of Steam Engineering	17 Aug. 97	June 97	0	0	9	7	13	4

* Subject to examination. † Subject to confirmation.

CHIEF ENGINEERS—Continued.

Number in grade.	Unemployed.		Appointed from—	Entry and promotions.				
				Cadet Engineer.	Second Assistant Engineer.	Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	Ys	*Ms*						
45	3	1	Pennsylvania	1 Oct. 71	23 Jan. 74	26 Feb. 75	11 Sept. 81	5 Nov. 95
	2	2	Pennsylvania	....do....		....do....	12 Oct. 81	29 Jan. 96
	4	11	Pennsylvania	....do....	23 Jan. 74	24 Feb. 74	19 Mar. 79	20 Feb. 96
	2	5	Pennsylvania	1 Oct. 72		26 Feb. 75	12 Oct. 81	28 Mar. 96
	1	9	Pennsylvania			22 Mar. 75	16 June 83	5 June 96
50	1	5	Delaware			30 June 75	16 Sept. 83	21 June 96
	1	1	Virginia			8 May 77	22 June 84	27 June 96
	1	5	New York	1 Oct. 73		1 July 77	7 Oct. 84	....do....
	3	2	Pennsylvania	....do....		....do....	1 July 85	4 July 96
	0	9	Maryland	....do....		....do....	19 July 85	14 Oct. 96
55	1	2	Georgia	1 Oct. 72		....do....	17 Oct. 85	14 Dec. 96
	1	10	Mississippi	1 Oct. 73		....do....	26 Jan. 86	8 Feb. 97
	1	1	New Jersey	....do....		....do....	22 June 86	26 Feb. 97
	1	6	Ohio	1 Oct. 72		....do....	30 June 87	9 May 97
	2	6	Pennsylvania	....do....		1 July 78	1 July 87	28 May 97
60	1	1	Pennsylvania	....do....		....do....	19 June 88	22 Dec. 97
	2	2	Michigan	1 Oct. 74		20 June 80	28 Jan. 90	6 Aug. 98
	0	3	Pennsylvania			22 Apr. 80	9 Jan. 89	7 Feb. 98
	1	10	Pennsylvania	1 Oct. 74		20 June 80	16 May 89	16 Feb. 98
	0	11	Virginia	....do....		....do....	25 Aug. 89	1 Mar. 98
65	1	11	Michigan	....do....		....do....	19 June 90	19 Sept. 98
	1	4	Missouri	....do....		....do....	21 Oct. 90	11 Oct. 98
	1	6	Michigan	....do....		....do....	19 Nov. 90	12 Oct. 98
	1	1	Indiana	....do....		....do....	19 Mar. 91	30 Oct. 98
	0	10	Massachusetts	....do....		....do....	4 May 91	8 Nov. 98
70	0	5	District of Columbia	15 Sept. 75		10 June 81	15 Sept. 91	20 Nov. 98

PASSED ASSISTANT ENGINEERS (66).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.	
		Relative rank of Lieutenant (36).				Ys	Ms	Ys	Ms	Ys	Ms
	1271	Benjamin C. Bryan	Dolphin	24 Mar. 98	Nov. 97	3	11	10	4	12	5
	1272	Harold P. Norton	Inspection duty, Elswick, Eng	14 Sept. 98	May 94	2	8	7	6	15	6
	1273	Clarence A. Carr	Insp. mach. Morris Heights	20 Sept. 98	Sept. 98	3	2	10	10	11	10
	1274	Edward H. Scribner	Inspection of boiler tubes	1 Feb. 98	Dec. 97	3	1	12	0	10	4
5	1275	Thomas F. Carter	Inspection duty (Bu. S. E.)	22 Oct. 98	Oct. 98	3	11	13	3	10	9
	1276	Frank M. Bennett	Bureau of Steam Engineering	17 Nov. 98	Sept. 98	3	5	11	2	11	8
	1277	James M. Pickrell	Solace	26 May 98	July 96	3	7	11	3	11	8
	1278	Martin Bevington	Bureau of Steam Engineering	16 Aug. 97	June 97	3	2	11	2	10	7
	1279	Frederic C. Bowers	Special duty, Fish Commission	29 Oct. 98	Mar. 98	2	9	13	3	9	5
10	1280	George R. Salisbury	Training-ship Annapolis	16 Nov. 95	Jan. 92	4	1	13	7	9	5
	1281	Samuel H. Leonard, jr.	Scorpion	12 Apr. 98	July 96	4	5	11	3	5	6
	1282	Leo D. Miner	Iowa	1 June 97	July 94	3	3	11	2	9	8
	1283	Thomas W. Kinkaid	Naval Academy	30 Nov. 98	Nov. 98	3	2	11	10	9	7
	1284	Harry Hall	Cramp's shipyard	10 Oct. 98	Oct. 98	3	2	13	3	8	2
15	1285	Wm. H. Allderdice	Naval Academy	8 Sept. 98	Sept. 98	3	7	10	3	11	3
	1286	Charles A. E. King	Bureau of Steam Engineering	26 Oct. 96	Aug. 96	2	11	9	7	10	0
	1287	William Strother Smith	Inspection duty, Richmond, Va.	22 Oct. 98	Sept. 98	3	4	12	4	8	11
	1288	Gustav Kaemmerling	Petrel	16 July 97	Jan. 94	2	11	6	7	11	3
	1289	Kenneth McAlpine	New York	1 Oct. 97	July 95	3	1	9	10	8	3
20	1290	Clarence H. Mathews	Training-ship Annapolis	10 Mar. 98	July 96	3	7	7	4	9	11
	1291	De Witt C. Redgrave	Inspection duty	21 Oct. 98	Oct. 98	3	5	8	3	9	3
	1292	William W. White	Bureau of Steam Engineering	13 Sept. 97	July 97	3	0	8	4	9	8
	1293	Bias C. Sampson	Michigan	25 Sept. 98	Sept. 98	3	10	9	3	8	5
	1294	Solon Arnold	Wheeling	5 July 96	Mar. 94	2	6	10	3	8	1
25	1295	Martin A. Anderson	Nashville	21 May 98	July 96	2	9	8	9	8	10
	1296	Albert Moritz	Brooklyn	15 Mar. 98	....do ...	2	9	8	4	9	2
	1297	Emil Theiss	Bureau of Steam Engineering	6 July 96	Apr. 96	1	7	8	5	11	2
	1298	William H. Chambers	Marietta	28 Mar. 97	Dec. 94	2	0	9	11	9	1
	1299	Charles E. Rommel	Lancaster	6 June 96	Oct. 93	2	6	10	9	7	8
30	1300	Harry G. Leopold	Manila	11 Feb. 98	Apr. 96	2	1	9	0	9	0
	1301	Robert B. Higgins	Castine	20 July 96	Feb. 94	2	5	9	6	7	9
	1302	John C. Leonard	Navy-yard, New York	24 Sept. 98	Sept. 98	2	11	10	4	6	3
	1303	Ward P. Winchell	Raleigh	20 Oct. 96	Dec. 93	2	5	11	2	8	3
	1304	Charles W. Dyson	Machias	27 Apr. 98	Sept. 95	1	0	9	1	9	4
35	1305	William C. Herbert	Cincinnati	27 July 97	Apr. 95	1	5	9	10	8	5
	1306	Alexander S. Halstead	Raleigh	30 Mar. 97	Jan. 95	1	9	9	10	7	10
		Relative rank of Lieutenant (junior grade) (29).									
	1307	James E. Palmer	Sick leave	12 Nov. 98	Nov. 98	0	4	2	4	3	6
	1308	Josiah S. McKean	Charleston	9 Feb. 98	Sept. 97	2	9	9	0	6	4
	1309	Charles H. Hayes	Newark	10 June 96	May 95	2	7	8	0	6	0
40	1310	Horace W. Jones	Concord	25 June 96	May 93	2	6	8	4	5	10
	1311	William W. Bush	Philadelphia	29 June 98	Nov. 95	0	6	7	9	6	3
	1312	Oscar W. Koester	Naval Academy	20 Sept. 98	June 98	1	11	8	2	6	1
	1313	Edward L. Beach	Baltimore	15 Dec. 96	May 95	2	2	8	3	5	11
	1314	Herman O. Stickney	Chicago	16 June 97	June 94	1	7	7	9	5	11
45	1315	Louis M. Nulton	Abarenda	15 Mar. 98	Aug. 95	0	11	6	4	6	5
	1316	John B. Patton	Princeton	11 May 98	May 96	0	8	6	5	6	7
	1317	George W. Danforth	Treatment, hospital, Mare Island	17 Dec. 98	Dec. 93	0	8	6	3	5	6
	1318	Cleland N. Offley	Training-ship Vicksburg	26 Aug. 97	May 95	1	1	6	1	6	7
	1319	Urban T. Holmes	Naval Academy	20 Sept. 98	July 96	0	3	5	7	6	4
50	1320	Claude B. Price	Newport News, Va.	— Dec. 98	Dec. 98	0	9	6	6	5	6
	1321	Doctor E. Dismukes	Texas	22 Mar. 98	Nov. 96	1	0	6	7	5	7
	1322	John K. Robison	Bureau of Steam Engineering	22 Aug. 98	Aug. 98	1	0	5	7	5	7
	1323	John H. Rowen	Scindia	16 Apr. 98	Mar. 97	0	8	5	8	5	8
	1324	Milton E. Reed	Bureau of Steam Engineering	6 Apr. 97	Dec. 96	0	0	5	4	5	5
55	1325	Charles R. Emrich	Southery	4 May 98	Aug. 97	0	8	6	1	5	1
	1326	William H. McGrann	Inspection duty	10 Nov. 98	Oct. 98	0	7	5	9	5	5
	1327	George W. Laws	Naval Academy	20 Sept. 98	Mar. 97	0	4	5	7	5	6
	1328	Armin Hartrath *	Brutus	10 Jan. 98	Feb. 96	0	8	8	2	5	4
	1329	Robert K. Crank †	Navy-yard, New York	8 Nov. 98	Nov. 98	0	3	5	7	4	6
60	1330	Stanford E. Moses †	Oregon	5 Apr. 98	Dec. 97	0	3	5	9	4	3
	1331	Raymond D. Hasbrouck †	Yankton	26 Apr. 97	Apr. 94	0	3	3	8	6	3
	1332	Walter Ball †	Navy-yard, New York	11 Oct. 98	Oct. 98	0	0	5	6	4	9
	1333	Edward S. Kellogg †	Hist	26 Apr. 95	Apr 94	0	2	5	8	4	8
	1334	David Van H. Allen †	Montgomery	24 May 95	Mar. 94	0	2	6	0	5	0
65	1335	Henry B. Price †	Returning from the Baltimore	— Dec. 98	Dec. 98	0	1	5	7	3	10
	1336	Martin E. Trench †	Naval Academy	20 Sept. 98	Sept. 98	0	1	4	10	4	2

* Not yet commissioned. † Subject to confirmation.

PASSED ASSISTANT ENGINEERS (66).

Number in grade.	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry and promotions. Cadet Engineer.	Naval Cadet.	Assistant Engineer.	Passed Assistant Engineer.
	0	7	New Jersey	15 Sept. 75		10 June 81	3 Oct. 91
	1	2	New York	1 Oct. 74		do	12 Oct. 91
	0	7	Pennsylvania	15 Sept. 75		do	16 Feb. 92
	1	11	Massachusetts	1 Oct. 74		do	2 Mar. 92
5	1	3	Kentucky	1 Oct. 73		do	12 Apr. 92
	1	5	Michigan	1 Oct. 74		do	24 Apr. 92
	1	4	Virginia	do		do	16 May 92
	1	6	Ohio	15 Sept. 75		do	22 June 92
	0	8	New Jersey	do		do	1 July 92
10	1	2	Missouri	1 Oct. 74		do	27 July 92
	0	5	Massachusetts			25 Oct. 81	3 Aug. 92
	1	5	Ohio	14 Sept. 76		10 June 82	7 Oct. 92
	0	11	Ohio	do		do	11 Nov. 92
	0	11	Pennsylvania	do		do	14 Dec. 92
15	0	10	Pennsylvania	do		do	21 Feb. 93
	2	8	Maryland	do		do	27 June 93
	2	1	Virginia	15 Sept. 75		do	do
	3	5	Indiana	13 Sept. 77		1 July 83	10 Aug. 93
	3	3	Virginia	do		do	12 Sept. 93
20	5	1	Ohio	14 Sept. 76		do	27 Sept. 93
	3	9	Maryland	13 Sept. 77		do	1 Oct. 93
	3	3	Pennsylvania	do		do	10 Nov. 93
	3	8	Illinois	do		do	14 Nov. 93
	3	11	Maryland	14 Sept. 76		do	1 Apr. 94
25	3	8	Wisconsin	13 Sept. 77		do	25 May 94
	3	9	New York	do		do	13 July 94
	0	8	Wisconsin	1 Oct. 78		1 July 84	1 Aug. 94
	1	3	Pennsylvania	do		do	28 Aug. 94
	1	10	Pennsylvania	do		do	12 Sept. 94
30	2	3	Ohio	do		do	26 Dec. 94
	3	0	Maryland	do		do	15 Jan. 95
	3	8	Ohio	1 Oct. 78		do	14 Feb. 95
	0	10	Ohio	do		do	21 Mar. 95
	0	10	Pennsylvania	1 Oct. 79	5 Aug. 82	1 July 85	1 June 95
35	1	0	Pennsylvania	do	do	do	6 Aug. 95
	1	7	Pennsylvania	do	do	do	11 Sept. 95
	0	8	North Carolina	1 Oct. 79	(d)		4 Apr. 98
	0	11	Ohio	(a)	5 Aug. 82	b 28 June 89	5 Nov. 95
	1	4	Pennsylvania	(c)	do	do b	29 Jan. 96
40	1	1	Virginia	1 Oct. 80	do	do b	20 Feb. 96
	1	3	Minnesota	(c)	do	do b	28 Mar. 96
	0	10	Pennsylvania		5 Apr. 84	1 July 90	21 June 96
	0	6	Minnesota		20 May 84	do	27 June 96
	0	7	Kentucky		4 Sept. 84	do	do
45	0	6	Virginia		8 Sept. 85	1 July 91	4 July 96
	0	7	South Carolina		21 May 85	do	14 Oct. 96
	1	6	Missouri		7 Sept. 85	do	15 Nov. 96
	0	7	Indiana		5 Sept. 85	do	14 Dec. 96
	0	5	Arkansas		13 Sept. 86	1 July 92	8 Feb. 97
50	0	7	Mississippi		2 June 86	do	26 Feb. 97
	0	5	Mississippi		22 May 86	do	1 May 97
	0	5	Michigan		20 May 87	1 July 93	9 May 97
	0	3	Pennsylvania		do	do	28 May 97
	0	7	Iowa		5 Sept. 87	do	29 July 97
55	0	5	Illinois		19 May 87	1 July 93	22 Dec. 97
	0	6	Tennessee	20 May 87		do	7 Feb. 98
	0	6	Iowa	21 May 87		do	16 Feb. 98
	0	10	Michigan	4 Sept. 84		1 July 90	1 Mar. 98
	0	3	Texas	6 Sept. 88		1 July 94	6 Aug. 98
60	0	4	Georgia	do		do	19 Sept. 98
	0	4	Idaho	25 Sept. 88		do	11 Oct. 98
	0	1	New York		6 Sept. 88	b 25 Feb. 95	12 Oct. 98
	0	2	New York		18 May 88	c 22 Aug. 94	30 Oct. 98
	0	2	Tennessee		6 Sept. 87	c do	8 Nov. 98
65	0	2	Iowa	20 May 89		1 July 95	17 Nov. 98
	0	3	Minnesota		3 Oct. 89	do	20 Nov. 98

a Cadet Midshipman 29 September, 1879. *b* Out of service three years. *c* Cadet Midshipman 25 September, 1880.
d Honorably discharged 30 June, 1885; appointed Passed Assistant Engineer, act of March 17, 1898.

ASSISTANT ENGINEERS (44 *a*).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.	
															Naval Cadet.	Assistant Engineer.
		With the relative rank of Ensign.				Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms			
	1337	Frank D. Read	Returning from Monadnock	— Dec. 98	Dec. 98	3	3	5	4	3	9	0	3	Ohio	6 Sept. 89	1 July 95
	1338	John R. Brady	Raleigh	15 Aug. 95	Mar. 95	3	4	5		3	9	0	2	Pennsylvania	....do....	....do....
	1339	Allen M. Cook	Navy-yard, Boston	17 Nov. 98	Oct. 98	3	2	5		4	3	0	3	Kansas	22 May 89	....do....
	1340	Emmet R. Pollock	Cincinnati	15 May 96	Jan. 96	3	1	5		4	8	0	6	Illinois	18 May 88	....do....
5	1341	André M. Procter	Gloucester (Naval Academy)	17 Sept. 95	Mar. 95	3	3	5		3	1	0	2	Kentucky	6 Sept. 89	....do....
	1342	John P. J. Ryan	Brooklyn	1 Dec. 96	....do....	2	1	4		4	3	0	3	New York	22 May 89	*d* 17 Apr. 96
	1343	John R. Morris	Iowa	30 Nov. 96	....do....	2	0	4		4	0	0	2	Missouri	7 Sept. 89	...*d* do....
	1344	Chester Wells	Texas	8 Dec. 96	....do....	2	1	4		4	3	0	0	Pennsylvania	15 Nov. 89	...*d* do....
	1345	John M. Hudgins	New Orleans	21 Mar. 98	Mar. 96	0	9	2	9	5	5	0	2	Virginia	8 Sept. 90	1 July 96
10	1346	Bolling K. McMorris	Fish Com. steamer Albatross	....do....	Apr. 96	0	9	2	10	5	3	0	2	Alabama	15 Sept. 90	....do....
	1347	Alfred W. Hinds	Texas	25 July 96	Mar. 96	2	5	4	3	3	9	0	4	Alabama	9 Sept. 90	....do....
	1348	Roscoe C. Moody	Indiana	23 July 96	Apr. 96	2	5	4	6	3	8	0	2	Maine	8 Sept. 90	....do....
	1349	Leland F. James	Boston	31 July 96	....do....	2	4	4	5	3	8	0	2	South Carolina	9 Sept. 89	....do....
	1350	Ralph H. Chappell	Massachusetts	22 July 96	....do....	2	5	4		3	11	0	2	Michigan	22 May 90	....do....
15	1351	Joseph M. Reeves	Sylph	28 July 96	....do....	2	5	4	5	3	8	0	2	Illinois	8 Sept. 90	....do....
	1352	Ignatius T. Cooper	Sick leave	1 Aug. 98	July 98	1	11	4	0	3	11	0	7	Delaware	20 May 90	....do....
	1353	Henry T. Baker	New York	27 July 96	Mar. 96	2	5	4	4	3	6	0	4	Ohio	7 Oct. 90	....do....
	1354	Frank Lyon	Oregon	....do....	Apr. 96	2	5	4	5	4	1	0	2	Kentucky	20 May 90	....do....
	1355	Hutch I. Cone	Baltimore	29 July 96	....do....	2	5	4	6	3	8	0	2	Florida	5 Sept. 90	....do....
20	1356	Emory Winship	Bennington	....do....	....do....	2	3	4	4	4	1	0	2	Georgia	3 June 90	.... do....
	1357	Edwin H. De Lany	Olympia	17 Aug. 96	....do....	2	4	4	5	4	0	0	2	Tennessee	21 May 90	....do....
	1358	Thomas M. Dick	Vixen	10 July 97	Apr. 97	1	6	3	8	3	7	0	1	South Carolina	5 Sept. 91	1 July 97
	1359	Charles K. Mallory	Oregon	22 July 97	Mar. 97	1	5	3	7	3	7	0	1	Tennessee	25 Sept. 91	....do....
	1360	Newton Mansfield	Iris	15 July 97	Apr. 97	1	5	3	8	3	6	0	2	Ohio	7 Sept. 91	....do....
25	1361	James P. Morton	Monadnock	10 July 97	....do....	1	5	3	6	3	8	0	1	Missouri	9 Sept. 91	....do....
	1362	Daniel M. Garrison	Iowa	20 July 97	....do....	1	5	3	11	3	7	0	1	New Jersey	1 June 91	....do....
	1363	Franklin D. Karns	Detroit	10 July 97	....do....	1	6	3	7	3	6	0	1	Ohio	30 Sept. 91	....do....
	1364	Frederic N. Freeman	Cincinnati	31 Aug. 97	Mar. 97	1	4	3	5	3	9	0	2	Indiana	9 Sept. 91	....do....
	1365	John F. Marshall, jr	Olympia	30 Aug. 97	....do....	1	4	3	5	3	9	0	2	Texas	8 Sept. 91	....do....
30	1366	Ernest F. Eckhardt	Oregon	20 Aug. 97	....do....	1	3	3	7	3	7	0	2	Wisconsin	5 Sept. 91	....do....
	1367	Edward H. Dunn	Treatment, hosp., Yokohama	16 Nov. 98	Nov. 98	0	11	3	3	3	10	0	3	Connecticut	....do....	....do....
	1368	Thomas D. Parker	Chicago	30 Apr. 98	Aug. 92	0	6	1	0	3	5	0	0	South Carolina	*e* 3 Oct. 89	19 Apr. 98
	1369	Charles L. Leiper	Charleston	13 May 98	May 98	0	8	3	0	3	3	0	2	Pennsylvania	6 Sept. 92	6 May 98
	1370	Gatewood S. Lincoln	Indiana	16 Apr. 98	Apr. 98	0	8	3	3	3	4	0	1	Missouri	20 May 92	....do....
35	1371	Edward T. Fitzgerald	Brooklyn	8 May 98	May 98	0	8	3	0	3	4	0	0	Texas	13 Sept. 92	....do....
	1372	Henry O. Bisset	Iowa	31 Aug. 98	Apr. 98	0	4	2	9	3	7	0	1	Maryland	6 Sept. 92	....do....
	1373	Albert W. Marshall	Charleston	12 May 98	....do....	0	8	3	0	3	3	0		Texas	....do....	....do....
	1374	Charles P. Burt	Oregon	9 Apr. 98	....do....	0	8	3	0	3	3	0		Georgia	....do....	....do....
	1375	Kenneth G. Castleman	Sick leave	12 Nov. 98	Nov. 98	0	6	2	9	3	5	0	2	Kentucky	....do....	....do....
40	1376	William L. Littlefield	Baltimore	14 May [illegible]	Apr. 98	0	6	2	10	3	8	0	1	Massachusetts	30 Sept. 92	....do....

	1379	James B. Henry, jr	Charleston	13 May 98	Apr. 98	0	8	3	0	3	4	0	1	New York	do	do
	1380	Arthur Crenshaw	Wilmington	15 Apr. 98	do	0	8	2	11	3	3	0	1	Alabama	do	do

NAVAL CADETS—ENGINEER DIVISION (21).

	1381	Daniel S. Mahony	Monterey	19 June 97	Aug. 96			2	0	3	4	0	0	Michigan	6 Sept. 93	
	1382	Henry L. Collins	Iowa	19 July 97	do			1	11	3	4	0	1	Pennsylvania	do	
	1383	Louis C. Richardson	New York	19 June 97	do			2	0	3	4	0	0	South Carolina	do	
	1384	Andrew T. Graham	Iowa	do	do			2	0	3	4	0	0	Illinois	do	
5	1385	Henry N. Jenson	Oregon	do	do			2	0	3	4	0	0	Wisconsin	do	
	1386	Peter L. Pratt	Monadnock	22 July 97	do			2	2	3	4	0	0	At large	19 May 93	
	1387	William D. Leahy	Texas	19 June 97	do			2	3	3	4	0	0	Wisconsin	do	
	1388	George Webber	Montgomery	20 Mar. 98	Dec. 97			1	9	3	4	0	4	Arkansas	6 Sept. 93	
	1389	Ernest C. Keenan	Indiana	19 June 97	Aug. 96			2	0	3	4	0	0	New York	do	
10	1390	George Van Orden	Marblehead	8 Sept. 97	do			2	1	3	4	0	1	Michigan	19 May 93	
	1391	Henry T. Wright	Pursuing special studies	25 Sept. 98	Sept. 98			1	2	3	2	0	0	Alabama	6 Sept. 94	
	1392	Herman J. Elson	Massachusetts	4 Apr. 98	Aug. 97			1	8	3	0	0	0	Mississippi	19 May 94	
	1393	Fletcher L. Sheffield	Brooklyn	do	do			1	5	3	10	0	0	Georgia	6 Sept. 93	
	1394	Henry C. Dinger	Celtic	do	do			1	8	3	0	0	0	Wisconsin	19 May 94	
15	1395	Alexander N. Mitchell	do	do	do			1	5	2	11	0	0	Ohio	6 Sept. 94	
	1396	Louis Shane	Massachusetts	5 Apr. 98	do			1	5	2	11	0	0	Nebraska	do	
	1397	Guy W. Faller	Oregon	4 Apr. 98	do			1	8	3	0	0	0	Wisconsin	19 May 94	
	1398	William B. Wells	Brooklyn	do	do			1	8	2	11	0	0	Iowa	do	
	1399	Edward T. Constien	Iris	do	do			1	8	3	0	0	0	Pennsylvania	do	
20	1400	John A. Schofield	do	do	do			1	5	2	11	0	0	Missouri	6 Sept. 94	
	1401	John S. Graham	New York	8 Apr. 98	do			1	8	3	0	0	0	Colorado	19 May 94	

a Number allowed by law, 59.
b Second Lieutenant, U. S. Marine Corps, 1 July, 1894.
c Out of the service 30 June to 22 August, 1894.
d Out of the service 30 June, 1895, to 17 April, 1896.
e Honorably discharged 31 May, 1893.

ASSISTANT ENGINEERS (44 *a*).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.	
															Naval Cadet.	Assistant Engineer.
		With the relative rank of Ensign.				*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*	*Ys*	*Ms*			
	1337	Frank D. Read	Returning from Monadnock	— Dec. 98	Dec. 98	3	3	5	4	3	9	0	3	Ohio	6 Sept. 89	1 July 95
	1338	John R. Brady	Raleigh	15 Aug. 95	Mar. 95	3	4	5	5	3	9	0	2	Pennsylvania	....do....	....do....
	1339	Allen M. Cook	Navy-yard, Boston	17 Nov. 98	Oct. 98	3	2	5	6	4	3	0	3	Kansas	22 May 89	....do....
	1340	Emmet R. Pollock	Cincinnati	15 May 96	Jan. 96	3	1	5	5	4	8	0	6	Illinois	18 May 88	....do....
5	1341	André M. Procter	Gloucester (Naval Academy)	17 Sept. 95	Mar. 95	3	3	5	3	3	11	0	2	Kentucky	6 Sept. 89	....do....
	1342	John P. J. Ryan	Brooklyn	1 Dec. 96	....do....	2	1	4	3	4	3	0	3	New York	22 May 89	*d* 17 Apr. 96
	1343	John R. Morris	Iowa	30 Nov. 96	....do....	2	0	4	4	4	0	0	2	Missouri	7 Sept. 89	...*d* do....
	1344	Chester Wells	Texas	8 Dec. 96	....do....	2	1	4	1	4	3	0	0	Pennsylvania	15 Nov. 89	...*d* do....
	1345	John M. Hudgins	New Orleans	21 Mar. 98	Mar. 96	0	9	2	9	5	5	0	2	Virginia	8 Sept. 90	1 July 96
10	1346	Boling K. McMorris	Fish Com. steamer Albatross	....do....	Apr. 96	0	9	2	10	5	3	0	2	Alabama	15 Sept. 90	....do....
	1347	Alfred W. Hinds	Texas	25 July 96	Mar. 96	2	5	4	3	3	9	0	4	Alabama	9 Sept. 90	....do....
	1348	Roscoe C. Moody	Indiana	23 July 96	Apr. 96	2	5	4	6	3	8	0	2	Maine	8 Sept. 90	....do....
	1349	Leland F. James	Boston	31 July 96	....do....	2	4	4	5	3	8	0	2	South Carolina	9 Sept. 89	....do....
	1350	Ralph H. Chappell	Massachusetts	22 July 96	....do....	2	5	4	6	3	11	0	2	Michigan	22 May 90	....do....
15	1351	Joseph M. Reeves	Sylph	28 July 96	....do....	2	5	4	5	3	8	0	2	Illinois	8 Sept. 90	....do....
	1352	Ignatius T. Cooper	Sick leave	1 Aug. 98	July 98	1	11	4	0	3	11	0	7	Delaware	20 May 90	....do....
	1353	Henry T. Baker	New York	27 July 96	Mar. 96	2	5	4	4	3	6	0	4	Ohio	7 Oct. 90	....do....
	1354	Frank Lyon	Oregon	....do....	Apr. 96	2	5	4	5	4	1	0	2	Kentucky	20 May 90	....do....
	1355	Hutch I. Cone	Baltimore	29 July 96	....do....	2	5	4	6	3	8	0	2	Florida	5 Sept. 90	....do....
20	1356	Emory Winship	Bennington	....do....	....do....	2	3	4	4	4	1	0	2	Georgia	3 June 90	....do....
	1357	Edwin H. De Lany	Olympia	17 Aug. 96	....do....	2	4	4	5	4	0	0	2	Tennessee	21 May 90	....do....
	1358	Thomas M. Dick	Vixen	10 July 97	Apr. 97	1	6	3	8	3	7	0	1	South Carolina	5 Sept. 91	1 July 97
	1359	Charles K. Mallory	Oregon	22 July 97	Mar. 97	1	5	3	7	3	7	0	1	Tennessee	25 Sept. 91	....do....
	1360	Newton Mansfield	Iris	15 July 97	Apr. 97	1	5	3	8	3	6	0	2	Ohio	7 Sept. 91	....do....
25	1361	James P. Morton	Monadnock	10 July 97	....do....	1	5	3	6	3	8	0	1	Missouri	9 Sept. 91	....do....
	1362	Daniel M. Garrison	Iowa	20 July 97	....do....	1	5	3	11	3	7	0	1	New Jersey	1 June 91	....do....
	1363	Franklin D. Karns	Detroit	10 July 97	....do....	1	6	3	7	3	6	0	1	Ohio	30 Sept. 91	....do....
	1364	Frederic N. Freeman	Cincinnati	31 Aug. 97	Mar. 97	1	4	3	5	3	9	0	2	Indiana	9 Sept. 91	....do....
	1365	John F. Marshall, jr	Olympia	30 Aug. 97	....do....	1	4	3	5	3	9	0	2	Texas	8 Sept. 91	....do....
30	1366	Ernest F. Eckhardt	Oregon	20 Aug. 97	....do....	1	3	3	7	3	7	0	2	Wisconsin	5 Sept. 91	....do....
	1367	Edward H. Dunn	Treatment, hosp., Yokohama	16 Nov. 98	Nov. 98	0	11	3	3	3	10	0	3	Connecticut	....do....	....do....
	1368	Thomas D. Parker	Chicago	30 Apr. 98	Aug. 92	0	6	1	0	3	5	0	0	South Carolina	*e* 3 Oct. 89	19 Apr. 98
	1369	Charles L. Leiper	Charleston	13 May 98	May 98	0	8	3	0	3	3	0	2	Pennsylvania	6 Sept. 92	6 May 98
	1370	Gatewood S. Lincoln	Indiana	16 Apr. 98	Apr. 98	0	8	3	3	3	4	0	1	Missouri	20 May 92	....do....
35	1371	Edward T. Fitzgerald	Brooklyn	8 May 98	May 98	0	8	3	0	3	4	0	0	Texas	13 Sept. 92	....do....
	1372	Henry O. Bisset	Iowa	31 Aug. 98	Apr. 98	0	4	2	9	3	7	0	1	Maryland	6 Sept. 92	....do....
	1373	Albert W. Marshall	Charleston	12 May 98	....do....	0	8	3	0	3	3	0	1	Texas	....do....	....do....
	1374	Charles P. Burt	Oregon	9 Apr. 98	....do....	0	8	3	0	3	3	0	1	Georgia	....do....	....do....
	1375	Kenneth G. Castleman	Sick leave	12 Nov. 98	Nov. 98	0	6	2	9	3	5	0	2	Kentucky	....do....	....do....
40	1376	William L. Littlefield	Baltimore	14 May 98	Apr. 98	0	6	2	10	3	5	0	1	Massachusetts	30 Sept. 92	....do....
	1377	Pope Washington	New Orleans	15 Apr. 98	Mar. 98	0	8	2	11	3	3	0	1	North Carolina	7 Sept. 92	....do....
	1378	George B. Rice	New York	11 May 98	May 98	0	8	3	0	3	4	0	1	Kentucky	6 Sept. 92	....do....

	1379	James B. Henry, jr	Charleston	13 May 98	Apr. 98	0	8	3	0	3	4	0	1	New York	do	do
	1380	Arthur Crenshaw	Wilmington	15 Apr. 98	do	0	8	2	11	3	3	0	1	Alabama	do	do

NAVAL CADETS—ENGINEER DIVISION (21).

	1381	Daniel S. Mahony	Monterey	19 June 97	Aug. 96			2	0	3	4	0	0	Michigan	6 Sept. 93	
	1382	Henry L. Collins	Iowa	19 July 97	do			1	11	3	4	0	1	Pennsylvania	do	
	1383	Louis C. Richardson	New York	19 June 97	do			2	0	3	4	0	0	South Carolina	do	
	1384	Andrew T. Graham	Iowa	do	do			2	0	3	4	0	0	Illinois	do	
5	1385	Henry N. Jenson	Oregon	do	do			2	0	3	4	0	0	Wisconsin	do	
	1386	Peter L. Pratt	Monadnock	22 July 97	do			2	2	3	4	0	0	At large	19 May 93	
	1387	William D. Leahy	Texas	19 June 97	do			2	3	3	4	0	0	Wisconsin	do	
	1388	George Webber	Montgomery	20 Mar. 98	Dec. 97			1	9	3	4	0	4	Arkansas	6 Sept. 93	
	1389	Ernest C. Keenan	Indiana	19 June 97	Aug. 96			2	0	3	4	0	0	New York	do	
10	1390	George Van Orden	Marblehead	8 Sept. 97	do			2	1	3	4	0	1	Michigan	19 May 93	
	1391	Henry T. Wright	Pursuing special studies	25 Sept. 98	Sept. 98			1	2	3	2	0	0	Alabama	6 Sept. 94	
	1392	Herman J. Elson	Massachusetts	4 Apr. 98	Aug. 97			1	8	3	0	0	0	Mississippi	19 May 94	
	1393	Fletcher L. Sheffield	Brooklyn	do	do			1	5	3	10	0	0	Georgia	6 Sept. 93	
	1394	Henry C. Dinger	Celtic	do	do			1	8	3	0	0	0	Wisconsin	19 May 94	
15	1395	Alexander N. Mitchell	do	do	do			1	5	2	11	0	0	Ohio	6 Sept. 94	
	1396	Louis Shane	Massachusetts	5 Apr. 98	do			1	5	2	11	0	0	Nebraska	do	
	1397	Guy W. Faller	Oregon	4 Apr. 98	do			1	8	3	0	0	0	Wisconsin	19 May 94	
	1398	William B. Wells	Brooklyn	do	do			1	8	2	11	0	0	Iowa	do	
	1399	Edward T. Constien	Iris	do	do			1	8	3	0	0	0	Pennsylvania	do	
20	1400	John A. Schofield	do	do	do			1	5	2	11	0	0	Missouri	6 Sept. 94	
	1401	John S. Graham	New York	8 Apr. 98	do			1	8	3	0	0	0	Colorado	19 May 94	

a Number allowed by law, 59.
b Second Lieutenant, U. S. Marine Corps, 1 July, 1894.
c Out of the service 30 June to 22 August, 1894.
d Out of the service 30 June, 1895, to 17 April, 1896.
e Honorably discharged 31 May, 1893.

CHAPLAINS, ACTIVE LIST (24).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service. Ys	Sea service. Ms	Shore or other duty. Ys	Shore or other duty. Ms	Unemployed. Ys	Unemployed. Ms	Appointed from—	Entry into the service.
		Relative rank of Captain (4).											
	1451	Wesley O. Holway	Receiving-ship Vermont	19 May 98	Sept. 86	7	10	18	1	4	8	Maine	2 June 68
	1452	David H. Tribou	Navy-yard, Boston	10 May 97	Dec. 94	10	6	12	8	3	9	Maine	5 Feb. 72
	1453	Henry H. Clark	Naval Academy	17 Oct. 96	Oct. 96	10	10	11	9	3	4	Maine	27 Jan. 73
	1454	Adam A. McAlister	Philadelphia	8 Jan. 97	Nov. 92	10	8	11	0	3	6	California	10 Nov. 73
		Relative rank of Commander (7).											
5	1455	Thomas A. Gill	Receiving-ship Richmond	18 Oct. 97	Oct. 96	6	7	10	2	7	4	Pennsylvania	a22 Dec. 74
	1456	Sylvester D. Boorom	Navy-yard, New York	23 July 97	June 96	7	2	10	5	5	10	New York	9 July 75
	1457	Alfred L. Royce	New York	16 Oct. 96	Sept. 92	7	7	7	10	2	5	Wisconsin	18 Feb. 81
	1458	William F. Morrison	Minneapolis	20 Nov. 96	June 91	6	4	8	4	3	0	Maryland	5 May 81
	1459	Frank Thompson	Leave of absence	8 Nov. 98	Nov. 98	7	0	6	10	3	10	Louisiana	16 May 81
10	1460	Roswell R. Hoes	Receiving-ship Wabash	20 Sept. 98	Sept. 98	6	0	7	5	3	1	New York	26 July 82
	1461	Carroll Q. Wright	Receiving-ship Franklin	15 May 97	Nov. 96	6	0	4	8	3	2	Pennsylvania	3 Mar. 85
		Relative rank of Lieutenant (7).											
	1462	Walter G. Isaacs	Massachusetts	10 June 96	Jan. 96	5	0	4	7	1	1	Alabama	25 Apr. 88
	1463	Charles H. Parks	Training ship Essex	19 July 96	June 93	5	3	3	9	1	8	New York	....do ....
	1464	William H. I. Reaney	Olympia	3 July 98	Feb. 96	4	9	1	1	0	11	Maryland	14 Mar. 92
15	1465	William E. Edmonson	Naval Home	3 Apr. 98	Oct. 97	3	0	0	9	0	8	North Carolina	24 Aug. 94
	1466	John B. Frazier	Training-ship Adams	12 Nov. 98	July 98	3	2	0	0	0	8	Tennessee	2 Mar. 95
	1467	John P. Chidwick	Ordered to navy-yard, Washington	12 Dec. 98	Oct. 98	3	1	0	0	0	9	New York	....do ....
	1468	Harry W. Jones	Chicago	19 Sept. 96	1st cruise	2	0	0	3	0	4	New Jersey	6 June 96
		(6).											
	1469	William G. Cassard	Indiana	26 Apr. 97	....do ...	1	8	0	0	0	1	Maryland	3 Apr. 97
20	1470	Arthur O. Sykes	Training-ship Alliance	20 June 98	....do ...	0	6	0	4	0	2	New York	30 Dec. 97
	1471	William T. Helms	Brooklyn	12 May 98	....do ...	0	7	0	3	0	1	West Virginia	4 Feb. 98
	1472	Frederic C. Brown	Iowa	19 May 98	....do ...	0	7	0	1	0	1	Massachusetts	21 Apr. 98
	1473	Robert E. Steele	Navy-yard, New York	22 Dec. 98	.....	†0	2	0	3	0	1	Louisiana	24 Oct. 98
	1474	Curtis H. Dickins	Training-ship and station, Newport	21 Nov. 98	.....	0	0	0	1	0	0	New Hampshire	11 Nov. 98

† Appointed Chaplain for temporary service 27 June, 1898. *a* Five months in Volunteer Army.

PROFESSORS OF MATHEMATICS, ACTIVE LIST (11*a*).

		Relative rank of Captain (3).												
	1481	William Harkness	Director of Nautical Almanac	30 June 97		1	9	33	6	0	1	New York	24 Aug. 63
	1482	Wm. W. Hendrickson	Naval Academy	1 July 97		6	11	30	11	0	5	Ohio	*b* 21 Mar. 73
	1483	Henry D. Todd	Nautical Almanac Office	20 Dec. 86		7	9	25	8	1	3	Pennsylvania	*c* 16 Sept. 77
		Relative rank of Commander (4).												
	1484	Edgar Frisby	Naval Observatory	11 June 78		0	0	20	7	0	0	Illinois	11 June 78
5	1485	Marshal Oliver	Naval Academy	29 Oct. 88		0	0	16	8	1	0	Maryland	20 May 81
	1486	Stimson J. Brown	Naval Observatory	13 Oct. 83		3	3	22	0	1	0	New York	*d* 13 Oct. 83
	1487	Edward K. Rawson	Superintendent Library and War Records Office	31 Mar. 97		7	1	14	1	6	9	do	*e* 28 Oct. 90
		Relative rank of Lieutenant (4).												
	1488	Philip R. Alger	Bureau of Ordnance	11 Nov. 90		5	0	16	9	0	6	At large	*f* 1 Nov. 90
	1489	Omenzo G. Dodge	Bureau Yards and Docks	27 Nov. 93		8	6	15	9	1	4	Kansas	*g* 29 June 92
10	1490	Henry M. Paul	Naval Observatory	15 Apr. 97		0	0	1	9	0	0	New Hampshire	3 Apr. 97
	1491	Aaron N. Skinner	do	4 Aug. 98		0	0	0	5	0	0	Illinois	30 July 98

a Number allowed by law is 12.

b Acting Midshipman, 26 September 1860; Midshipman, 16 July, 1862; Ensign, 1 October, 1863; Master, 10 November, 1865; Lieutenant, 10 November, 1866; Lieutenant-Commander, 12 March, 1868, to 21 March, 1873.

c Acting Midshipman, 28 May, 1853; Midshipman, 10 June, 1857; Passed Midshipman, 25 June, 1860; Master, 24 October, 1860; Lieutenant, 3 April, 1861; Lieutenant-Commander, 2 January, 1863, to 19 October, 1866.

d Cadet Midshipman, 21 September, 1872; Midshipman, 20 June, 1876; Ensign, 25 November, 1877, to 13 October, 1883.

e Chaplain, 23 January, 1871, to 28 October, 1890.

f Cadet Midshipman, 11 September, 1876; Midshipman, 22 June, 1882; Ensign (junior grade), 3 March, 1883; Ensign, 26 June, 1884, to 1 November, 1890.

g Cadet Midshipman, 6 June, 1873; Midshipman, 18 June, 1879; Ensign, 25 March, 1880; Lieutenant (junior grade), 13 December, 1886; Lieutenant, 19 June, 1892, to 26 June, 1892.

NAVAL CONSTRUCTORS.

NAVAL CONSTRUCTORS, ACTIVE LIST (21).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.				
															Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Assistant Naval Constructor.	Naval Constructor.
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms						
		Relative rank of Captain (2).																	
	1501	Philip Hichborn*	Chief Bur. Con. and Repair	7 Sept. 93	.....	0	0	0	0	29	6	0	0	Cal	.....	.....	.....	26 June 69	12 Mar. 75
	1502	William H. Varney	Camden, N. J	2 Dec. 95	.....	0	0	0	0	29	6	0	0	Mass	.....	.....	.....	29 July 69	13 Mar. 75
		Relative rank of Commander (3).																	
	1503	John F. Hanscom	Cramp's shipyard	31 Dec. 98	.....	0	0	0	0	23	5	0	0	Mass	.....	.....	.....	a29 July 75	10 Oct. 88
	1504	Joseph Feaster	Navy-yard, Boston	29 June 97	.....	0	0	0	0	23	3	0	2	Pa	.....	.....	.....	....do	....do ...
5	1505	Francis T. Bowles	Navy-yard, New York	1 Aug. 95	.....	0	0	2	7	20	2	0	7	Mass	15 Sept. 75	.....	.....	1 Nov. 81	....do ...
		Relative rank of Lieutenant (16).																	
	1506	Joseph H. Linnard	Navy-yard, League Island	31 Dec. 98	.....	0	0	1	11	19	0	0	7	Pa	.....	27 June 77	5 Aug. 82	1 July 83	3 Mar. 91
	1507	Joseph J. Woodward	Newport News, Va	9 Oct. 97	.....	0	0	2	1	18	5	1	0	At large	.....	....do	....do	....do	....do ...
	1508	David W. Taylor	Bureau Const. and Repair	10 May 94	.....	0	0	0	8	16	5	0	2	Va	1 Oct. 81	.....	....do	14 Aug. 86	5 Dec. 91
	1509	Albert W. Stahl	Navy-yard, Norfolk	4 Oct. 95	.....	0	0	3	2	18	10	0	4	N. Y	b14 Sept. 76	.....	.....	11 Aug. 87	9 July 92
10	1510	William J. Baxter	Navy-yard, Mare Island	10 Apr. 95	.....	0	0	3	3	15	8	0	4	Ohio	1 Oct. 79	.....	c5 Aug. 82	6 June 88	10 Aug. 93
	1511	Washington L. Capps	Ord. to Bureau C. and R.†	7 Oct. 98	.....	0	0	2	3	15	7	0	5	Va	1 Oct. 80	.....	d5 Aug. 82	....do	28 Jan. 95
	1512	Lloyd Bankson	Bath Iron Works	13 July 97	Nov. 95	0	0	2	3	15	10	3	3	Pa	e13 Sept. 77	.....	.....	1 July 89	30 June 96
	1513	John G. Tawresey	Navy-yard, Portsmouth	7 July 98	.....	0	0	2	10	14	0	0	5	Del	1 Oct. 81	.....	f5 Aug. 82	....do	....do ...
	1514	Robert Stocker	Newport News, Va	15 Feb. 94	.....	0	0	3	1	11	7	0	8	Minn	.....	.....	4 Sept. 83	g1 July 91	11 Nov. 97
15	1515	Frank W. Hibbs	Navy-yard, New York	1 Oct. 94	.....	0	0	2	2	12	7	0	7	Minn	.....	.....	....do	...h do....	....do ...
	1516	Elliot Snow	Union Iron Works	2 Feb. 97	.....	0	0	2	11	11	7	0	9	Utah	.....	.....	....do	...g do....	....do ...
	1517	Richmond P. Hobson	En route to Asiatic Sta	15 Dec. 98	Dec. 98	0	5	2	10	10	6	0	3	Ala	.....	.....	21 May 85	1 July 91	23 June 98
	1518	George H. Rock	Newport News, Va	3 June 98	.....	0	0	2	0	11	5	0	2	Mich	.....	.....	20 May 85	....do	....do ...
	1519	Thomas F. Ruhm	Navy-yard, Mare Island	16 Mar. 97	.....	0	0	0	9	11	5	0	5	Tenn	.....	.....	20 May 86	1 July 92	1 Nov. 98
20	1520	Lawrence Spear	Naval Academy	5 Nov. 98	.....	0	0	1	8	10	9	0	2	Ohio	.....	.....	19 May 86	....do	....do ...
	1521	Frank B. Zahm	Bureau Const. and Repair	30 Sept. 98	.....	0	0	1	7	9	7	0	2	Pa	.....	.....	5 Sept. 87	1 July 93	....do ...

* Chief Constructor, with the relative rank of Commodore.
† Now on special duty, Asiatic Station.
a Ten months and seven days in the Army.
b Assistant Engineer, 10 June, 1882.
c Assistant Engineer, 1 July, 1885.
d Ensign, 1 July, 1886.
e Assistant Engineer, 1 July, 1883.
f Ensign, 1 July, 1887.
g Ensign, 1 July, 1889.
h Assistant Engineer, 1 July, 1889.

ASSISTANT NAVAL CONSTRUCTORS, ACTIVE LIST (16).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.		
															Naval Cadet.	Ensign.	Assistant Naval Constructor.
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms				
		Relative rank of Lieutenant (junior grade).															
	1522	Horatio G. Gillmor	Elswick, England	14 Sept. 98	Oct. 96	0	11	1	5	9	9	0	2	Wisconsin	5 Sept. 87		1 July 93
	1523	Henry G. Smith	Navy-yard, New York	1 Aug. 98		0	0	0	6	10	7	0	3	Ohio	do		do
	1524	Richard M. Watt	do	17 Aug. 96		0	0	0	6	10	8	0	1	Pennsylvania	22 Sept. 87		do
	1525	John D. Beuret	Navy-yard, Mare Island	24 Jan. 96		0	0	0	2	10	0	0	2	Michigan	7 Sept. 88		1 July 93
5	1526	Joseph E. McDonald	Richmond, Va	26 Oct. 98	May 97	0	5	1	0	9	1	0	2	Illinois	do		do
	1527	Homer L. Ferguson	Portland, Oregon	9 Nov. 96		0	0	0	7	9	9	0	3	North Carolina	21 May 88		do
	1528	Robert B. Dashiell	Bureau Const. and Repair	30 Nov. 95		0	0	6	2	14	7	0	9	Maryland	a 5 Aug. 82	26 June 84	7 Feb. 95
	1529	Daniel C. Nutting, jr	South Boston, Mass	24 Oct. 98		0	0	0	8	8	8	0	3	Kansas	21 May 89		1 July 95
	1530	Holden A. Evans	Elizabethport, N. J	7 Nov. 98		0	0	2	11	6	9	0	8	Florida	5 Sept. 88	1 July 94	1 July 96
10	1531	William P. Robert	Navy-yard, Norfolk	2 Apr. 98		0	0	0	7	7	9	0	3	Mississippi	20 May 90		do
	1532	Daniel H. Cox	Navy-yard, New York	30 July 97		0	0	0	7	7	7	0	2	New York	9 Sept. 90		do
	1533	Thomas G. Roberts	Union Iron Works	15 July 98		0	0	0	8	7	7	0	4	Alabama	27 May 90		do
	1534	Lawrence S. Adams	Navy-yard, Norfolk	23 Aug. 97		0	0	1	10	6	4	0	2	Pennsylvania	26 Sept. 90		do
	1535	Stuart F. Smith	Navy-yard, League Island	1 Dec. 97		0	0	0	5	6	10	0	1	Pennsylvania	4 Sept. 91		1 July 97
15	1536	William G. Groesbeck	Navy-yard, Norfolk	18 Apr. 98		0	0	0	6	6	10	0	0	Ohio	do		do
	1537	Richard H. Robinson	Cramp's shipyard	1 June 98		0	0	0	6	5	10	0	0	Ohio	6 Sept. 92		21 Apr. 98

a Cadet midshipman, 27 June, 1877; Ensign, junior grade, 1 July, 1883; Lieutenant, junior grade, 26 December, 1893.

CIVIL ENGINEERS, ACTIVE LIST (18).

Number in grade.	Signal number.	Name and relative rank.	Present duty or station.	Date of present duty or leave.	Shore or other duty. Ys	Shore or other duty. Ms	Unemployed. Ys	Unemployed. Ms	Appointed from—	Date of appointment.
		Relative rank of Captain (2).								
	1551	Peter C. Asserson	Navy-yard, New York	1 July 98	24	10	0	0	Virginia	a 6 Mar. 74
	1552	Mordecai T. Endicott*	Chief of Bureau Yards and Docks	4 Apr. 98	24	6	0	0	New Jersey	13 July 74
		Relative rank of Commander (2).								
	1553	Franklin C. Prindle	Training station, Yerba Buena	28 Nov. 98	20	11	5	7	Pennsylvania	b 22 July 79
	1554	Ulysses S. G. White	Under suspension	25 July 98	16	6	5	6	Ohio	c 9 Jan. 77
		Relative rank of Lieut. Commander (2).								
5	1555	Christopher C. Wolcott	Navy-yard, League Island	30 Apr. 91	16	8	0	6	New York	d 26 Oct. 81
	1556	Frank O. Maxson	Navy-yard, Norfolk	12 July 98	15	5	1	9	District Columbia	26 Oct. 81
		Relative rank of Lieutenant (4).								
	1557	Robert E. Peary	Leave of absence	25 May 97	8	6	8	8	Maine	26 Oct. 81
	1558	George Mackay	Naval Station, Port Royal	30 Mar. 91	8	9	0	0	New York	e 11 Apr. 90
	1559	Richard C. Hollyday	Navy-yard, Mare Island	10 May 97	4	8	0	1	Maryland	15 Mar. 94
10	1560	Adolfo J. Menocal	Naval Station, Key West	17 Mar. 98	4	8	0	1	District Columbia	do
		Relative rank of Lieutenant (junior grade) (8).								
	1561	Frank T. Chambers	Coaling Station, Pago Pago	5 Aug. 98	1	5	0	0	Kentucky	19 July 97
	1562	Charles W. Parks	Bureau Yards and Docks	7 June 98	1	5	0	0	Massachusetts	do
	1563	Luther E. Gregory	Navy-yard, Portsmouth	16 Aug. 98	0	8		0	New Jersey	5 Apr. 98
	1564	Homer R. Stanford	Navy-yard, Boston	13 July 98	0	7	0		Illinois	20 May 98
15	1565	James W. G. Walker	Nicaragua Canal Commission	30 Aug. 98	0	4	0		Massachusetts	29 July 98
	1566	Andrew C. Cunningham	Bureau Yards and Docks	5 Oct. 98	f 5	5	1	8	New York	29 Sept. 98
	1567	Henry H. Rousseau	Special duty under Bureau Yards and Docks	19 Dec. 98	0	2	0	1	Pennsylvania	do
	1568	Fred Thompson	Navy-yard, New York	17 Oct. 98	0	2	0	1	District Columbia	do

* With the relative rank of Commodore.
a Mate, 27 May, 1862; Acting Ensign, 24 November, 1862, to 28 February, 1869.
b Third Assistant Engineer, 3 August, 1861; Second Assistant Engineer, 21 April, 1863, to 11 September, 1865; Civil Engineer, 17 April, 1869, to 1 January, 1876.
c Six years 7 months 21 days in the Army.
d Eighteen years 2 months in the Army.
e Acting Master's Mate, 2 February, 1864, to 9 June, 1865
f Cadet Midshipman, 9 June, 1874; Midshipman, 10 June, 1881; Ensign (junior grade), 3 March, 1883; resignation accepted from 1 February, 1884. Sea service 3 years, 2 months.

WARRANT OFFICERS.

BOATSWAINS—ACTIVE LIST (56).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.			Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Dys.		
	1581	Charles Miller	Michigan	15 Apr. 98	June 86	17	1	17	1	3	5	.....	.....	.....	New York	13 June 61
	1582	John B. F. Langton	Navy-yard, New York	12 May 97	May 97	8	9	16	3	12	1	.....	.....	.....	Maine	25 Nov. 61
	1583	Josiah B. Aiken	Newport News, Va	28 Jan. 96	Sept. 81	10	6	19	2	3	0	3	10	13	Massachusetts	a24 Mar. 66
	1584	William A. Cooper	Badger	20 Dec. 98	Apr. 89	9	2	21	0	2	6	4	10	0	Dist. of Columbia	25 Apr. 66
5	1585	John S. Sinclair	Naval Academy	8 Sept. 92	Feb. 85	12	4	20	3	1	6	3	0	0	Pennsylvania	b9 July 66
	1586	Alexander McCone	Navy-yard, League Island	22 Aug. 98	Aug. 86	12	0	13	4	2	9	9	7	27	.....do	18 Dec. 70
	1587	Charles E. Hawkins	Navy-yard, New York	12 May 97	Jan. 89	13	1	17	2	2	1	.....	.....	.....	New Hampshire	c11 Feb. 71
	1588	Peter H. Smith	Navy-yard, Portsmouth	28 June 97	Mar. 92	9	9	15	6	1	2	3	0	0	Virginia	7 Aug. 72
	1589	William Manning	Receiving-ship Vermont	15 Dec. 94	June 91	12	3	12	5	1	4	.....	.....	.....	California	3 Jan. 73
10	1590	Francis A. Dran	Receiving-ship Independence	5 Aug. 97	Sept. 96	10	4	12	4	1	4	11	3	0	New Hampshire	21 Dec. 74
	1591	John J. Killin	Receiving-ship Wabash	11 Aug. 98	Apr. 96	8	0	11	5	1	10	5	4	27	Massachusetts	23 Oct. 77
	1592	Patrick Haley	Fish Com. str. Fish Hawk	24 Nov. 98	....do	6	11	11	9	1	6	8	7	14	New Hampshire	18 Oct. 78
	1593	Timothy Sheean	Receiving-ship Independence	15 Jan. 98	Dec. 97	6	5	12	11	0	11	8	3	23	California	22 Oct. 78
	1594	William L. Hill	Brooklyn	1 Dec. 96	July 91	8	6	6	4	2	5	7	3	6	New York	19 Sept. 81
15	1595	John McLaughlin	Navy-yard, Washington (Triton)	14 Dec. 94	Jan. 94	7	6	9	3	0	4	.....	.....	.....	Dist. Columbia	18 Nov. 81
	1596	William Anderson	Navy-Yard, New York	26 Oct. 97	Oct. 97	7	11	8	3	0	11	9	0	0	New York	12 Dec. 81
	1597	John Sutton	Receiving-ship Vermont	3 Sept. 98	Aug. 98	7	5	8	0	1	1	.....	.....	.....	Massachusetts	23 June 82
	1598	Stephen McCarthy	Massachusetts	10 June 96	Jan. 96	5	5	6	0	0	2	.....	.....	.....	New Jersey	13 May 87
	1599	John Costello	Oregon	15 July 96	May 92	5	8	4	0	0	6	9	11	0	New York	7 Nov. 88
20	1600	Charles F. Pierce	Naval Academy	25 May 96	May 96	3	8	5	7	0	5	13	5	14	.....do	7 May 89
	1601	Henry Hudson	Navy-yard, Boston	20 Oct. 94	Sept. 94	2	5	6	5	0	6	.....	.....	.....	Massachusetts	27 Aug. 89
	1602	Hugh Sweeney	Yosemite	22 Dec. 98	Nov. 97	3	4	6	0	0	0	.....	.....	.....	Rhode Island	.....do
	1603	Michael Wogan	Receiving-ship Richmond	30 Sept. 98	Sept. 98	3	3	5	5	0	6	11	4	18	New York	21 Oct. 89
	1604	Dominick Glynn	Charleston	7 May 98	July 94	2	9	4	6	0	4	.....	.....	.....	Massachusetts	30 June 91
25	1605	David F. Hennessey	Receiving-ship Wabash	18 May 98	Oct. 97	2	9	0	8	0	8	.....	.....	.....	Massachusetts	5 Dec. 94
	1606	Francis E. Larkin	Receiving ship Richmond	30 Mar. 98	Mar. 98	2	6	1	4	0	1	12	1	28	Pennsylvania	30 Jan. 95
	1607	Lee R. Boland	Waiting orders	29 Oct. 98	Oct. 98	3	0	0	1	0	3	7	4	16	Georgia	3 Aug. 95
	1608	James Dowling	Commanding Tecumseh	20 Nov. 95	1st cruise	3	1	0	3	0	0	11	6	0	Massachusetts	26 Aug. 95
	1609	John F. Brooks	Texas	20 July 96	....do	2	5	0	9	0	1	9	11	14	New Jersey	23 Sept. 95
30	1610	Samuel W. Gardner	Puritan	6 Jan. 97	....do	2	0	0	7	0	1	16	11	10	Virginia	22 Apr. 96
	1611	James W. Angus	Fish Commission str. Fish Hawk	20 Dec. 98	Oct. 98	1	5	0	9	0	2	6	1	14	New Jersey	14 Sept. 96
	1612	John J. Holden *	Commanding Nezinscott	11 Mar. 98	1st cruise	0	10	1	3	0	0	15	1	29	Massachusetts	27 Nov. 96
	1613	Phillip Mullen	New York	25 Oct. 97	....do	1	2	0	11	0	0	10	5	29	New York	28 Nov. 96
	1614	William Brooks *	Resolute	15 Mar. 98	....do	0	10	1	1	0	1	15	1	21	New Jersey	4 Jan. 97
35	1615	Allen Whipkey	Receiving-ship Vermont	23 Sept. 98	Sept. 98	1	3	0	5	0	1	16	8	28	Pennsylvania	18 Mar. 97
	1616	Harry R. Brayton *	Baltimore	15 Oct. 97	1st cruise	1	3	0	4	0	1	9	0	11	Massachusetts	3 May 97
	1617	Patrick Deery	Commanding tug Samoset	6 Nov. 97	....do	1	2	0	5	0	1	11	0	1	New York	5 May 97
	1618	John J. Rochfort *	Indiana	9 Aug. 98	....do	0	4	1	3	0	0	14	7	29	.....do	15 May 97
	1619	Patrick J. Kane	Receiving-ship Vermont	11 Oct. 98	Oct. 98	1	4	0	3	0	0	12	8	5	New Jersey	21 May 97

* Acting appointment; not yet warranted.
a Acting Boatswain, 1 September, 1863; Acting Master's Mate, 3 September, 1864.
b Mate, 18 November, 1864.
c Acting Master, 17 July, 1861.

BOATSWAINS—ACTIVE LIST (56)—Continued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.			Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Dys.		
40	1620	August Ohmsen*	Columbia	15 Mar. 98	1st cruise	0	10	0	8	0	0	24	0	22	Virginia	24 June 97
	1621	George B. Moncreif*	Newark	21 May 98	....do	0	7	0	10	0	1	16	4	7	....do	10 July 97
	1622	Hugh J. Duffy*	New Orleans	26 Apr. 98	....do	0	8	0	9	0	0	7	10	19	Connecticut	30 July 97
	1623	Edward J. Norcott*	Raleigh	11 Mar. 98	....do	0	10	0	0	0	0	8	1	7	Massachusetts	11 Mar. 98
	1624	John S. Croghan*	Philadelphia	9 July 98	....do	0	6	0	2	0	0	7	11	18	Dist. of Columbia	10 May 98
45	1625	Timothy Sullivan*	Buffalo	23 Sept. 98	....do	0	3	0	3	0	1	13	7	2	New York	2 June 98
	1626	Daniel Montague*	Lancaster	11 Aug. 98	....do	0	5	0	0	0	2	4	6	14	....do	15 June 98
	1627	John E. Murphy*	Celtic	7 Oct. 98	....do	0	3	0	1	0	2	0	8	25	Washington	....do
	1628	Emile H. Eycke*	Lancaster	1 Aug. 98	....do	0	5	0	0	0	1	14	1	0	New York	23 June 98
	1629	Charles Wouters*	Chicago	1 Dec. 98	....do	0	1	0	5	0	1	12	0	7	....do	....do
50	1630	Albert F. Benzon*	Commanding Tug Sioux	4 May 98	....do	0	9	0	8	0	0	6	11	11	....do	a 13 July 98
	1631	Eugene M. Isaac*	Iowa	21 Sept. 98	....do	0	3	1	1	0	0	16	11	14	Virginia	b 16 July 98
	1632	Francis E. Schuster*	Commanding Accomac	10 Nov. 98	....do	0	2	0	3	0	0	8	0	1	Maryland	20 July 98
	1633	Andrew Anderson*	Sterling	21 Jan. 98	....do	0	11	0	2	0	1	19	0	2	New York	c 1 Aug. 98
	1634	Charles J. Christianson*	Receiving-ship Independence	16 Sept. 98	.....	0	0	0	4	0	1	12	8	5	California	11 Aug. 98
55	1635	Peter E. Radcliffe*	....do	17 Oct. 98	.....	0	0	0	2	0	2	10	8	27	....do	1 Sept. 98
	1636	August Rettig*	Nanshan	23 Oct. 98	1st cruise	0	2	0	0	0	2	13	1	29	New York	....do

GUNNERS—ACTIVE LIST (59).

	1651	Cornelius Dugan	Naval Magazine, Dover, N. J	13 Mar. 94	Aug. 85	13	0	22	6	2	7	4	9	26	Pennsylvania	30 Oct. 60
	1652	John R. Grainger	Niter Depot, Malden	4 Nov. 96	July 93	14	2	18	9	4	1	.....	.....	.....	New York	23 Nov. 61
	1653	George Fouse	Navy-yard, Washington	1 Apr. 96	Aug. 90	15	2	19	4	2	1	4	11	10	....do	13 May 62
	1654	Charles B. Magruder	Naval Magazine, Chelsea	20 Mar. 96	Feb. 96	13	9	16	0	2	8	1	11	0	Dist. of Columbia	d 26 Aug. 70
5	1655	William Halford	Naval Magazine, Mare Island	6 Nov. 93	Nov. 93	9	0	17	11	0	10	.....	.....	.....	California	14 Apr. 71
	1656	John J. Walsh	Navy-y'd, Washington (Bellevue)	13 Oct. 94	May 89	9	2	17	4	1	2	.....	.....	.....	Michigan	18 Apr. 71
	1657	Charles H. Venable	Naval Magazine, Fort Mifflin	10 July 93	July 93	11	7	18	4	0	9	.....	.....	.....	Pennsylvania	e 5 Sept. 71
	1658	Robert Sommers	Naval Academy	25 Nov. 98	Feb. 98	7	0	18	1	0	1	12	1	3	Connecticut	11 Nov. 73
	1659	Arthur A. Phelps	Charleston	13 May 98	June 92	12	1	11	4	2	10	3	2	10	Iowa	f 25 Feb. 75
10	1660	Patrick Lynch	Navy-yard, Norfolk (St. Julien's)	3 June 95	May 95	7	1	13	10	0	5	.....	.....	.....	Dist. of Columbia	15 Aug. 77
	1661	William Walsh	Navy-yard, Washington	8 Sept. 98	Sept. 98	7	2	8	7	0	5	4	10	20	New York	12 Oct. 82
	1662	Thomas M. Johnston	Navy-yard, League Island	4 Oct. 98	Mar. 98	5	8	4	10	0	5	.....	.....	.....	....do	g 25 Jan. 88
	1663	Frank C. Messenger	Naval Academy	8 May 98	Dec. 97	5	3	4	11	0	4	.....	.....	.....	Pennsylvania	26 June 88
	1664	Joel C. Evans	Navy-yard, Mare Island	9 July 98	May 98	5	5	4	3	0	3	.....	.....	.....	New York	7 Feb. 89
15	1665	Frank H. Whitney	Navy-yard, Boston	9 Nov. 98	Nov. 98	5	4	2	11	0	9	.....	.....	.....	....do	7 Jan. 90
	1666	Michael W. Gilmartin	Yosemite	17 Dec. 98	Sept. 95	3	2	5	0	0	0	.....	.....	.....	New York	28 Oct. 90
	1667	Joseph R. Ward	Monadnock	22 June 98	Aug. 95	3	9	2	9	0	4	.....	.....	.....	Massachusetts	11 Mar. 92
	1668	George Cross	Navy-yard, Norfolk	8 Sept. 98	July 96	3	5	2	10	0	4	.....	.....	.....	New Jersey	31 May 92
	1669	Hugh Sinclair	Naval Proving Ground	18 May 96	May 96	2	10	3	7	0	0	.....	.....	.....	Massachusetts	5 Aug. 92
20	1670	Charles Morgan	Torpedo station, Newport	30 Sept. 98	Sept. 98	5	10	2	1	0	4	8	9	4	Pennsylvania	28 Oct. 90
	1671	Henry A. Eilers	....do	29 Oct. 96	July 96	3	1	2	9	0	3	7	3	27	New York	5 Nov. 92
	1672	Francis Martin	Texas	20 July 96	July 94	4	1	1	10	0	2	.....	.....	.....	....do	19 Nov. 92
	1673	Frank L. Hoagland	Receiving-ship Richmond	28 Sept. 98	Apr. 97	3	3	2	4	0	4	8	4	2	....do	13 Feb. 93

	1674	Henry B. Soulé	Navy-yard, New York	2 July 96	June 96	2	10	2	8	0	1	7	8	2	Ohio	2 June 93
25	1675	James Shannon	Tr. ship and Sta., Newport	5 Sept. 98	Oct. 97	2	10	1	9	0	1	9	3	15	Dist. of Columbia	13 Apr. 94
	1676	William G. Moore	Navy-yard, New York	17 Apr. 98	July 97	3	1	1	7	0	0	7	1	19	Virginia	17 Apr. 94
	1677	Leonard J. G. Kuhlwein	Waiting orders	— Dec. 98	Nov. 98	3	9	0	8	0	2	8	1	28	Rhode Island	7 June 94
	1678	William A. Cable	Navy-yard Norfolk	2 Aug. 98	July 98	3	2	0	10	0	0	.....	.....	.....	Virginia	7 Dec. 94
	1679	Joseph Hill	Miantonomoh	28 Oct. 98	Mar. 98	2	8	0	11	0	2	.....	.....	.....	New York	23 Mar. 95
30	1680	Joseph W. Bullas	Navy-yard, Washington	23 Nov. 98	June 98	2	10	0	5	0	6	17	7	2	Michigan	1 Apr. 95
	1681	Charles B. Babson	Returning from Monterey	— Dec. 98	Dec. 98	3	4	0	0	0	2	9	6	13	Connecticut	17 July 95
	1682	Otto Fries	Navy-yard, Portsmouth	5 Sept. 98	Apr. 97	1	8	1	8	0	1	9	2	13	New York	22 Aug. 95
	1683	Arthur S. Williams	Receiving-ship Independence	12 Oct. 98	July 98	2	0	0	10	0	1	10	0	9	North Carolina	25 Jan. 96
	1684	George L. Mallery	Indiana	15 June 96	1st cruise	2	7	0	2	0	0	6	5	3	New York	31 Mar. 96
35	1685	Franklin T. Applegate	Brooklyn	1 Dec. 96	....do ...	2	1	0	6	0	0	7	8	26	Pennsylvania	27 May 96
	1686	Louis J. Connelly	Baltimore	21 July 96	....do ...	2	5	0	1	0	1	7	4	15	Virginia	....do ....
	1687	Frank Rorschach	Puritan	10 Dec. 96	....do ...	2	1	0	0	0	0	9	1	5	Kansas	27 Nov. 96
	1688	Allan S. Mackenzie	Works Bliss & Co.	26 Sept. 98	July 98	1	1	0	8	0	3	11	9	7	New York	5 Jan. 97
	1689	Herbert Campbell	Amphitrite	5 Apr. 97	1st cruise	1	9	0	0	0	0	8	0	6	.....do	25 Mar. 97
40	1690	Gaston D. Johnstone	Raleigh	29 Apr. 97	....do ...	1	8	0	0	0	1	6	6	10	.....do	9 Apr. 97
	1691	James Donald *	Monterey	19 Feb. 98	....do ...	0	9	0	9	0	1	12	11	7	.....do	5 May 97
	1692	Myles Joyce	Cincinnati	1 Aug. 97	....do ...	1	5	0	2	0	1	10	4	24	New Jersey	8 May 97
	1693	Levin J. Wallace *	Boston	19 Mar. 98	....do ...	0	10	0	7	0	0	6	5	24	Maryland	30 July 97
	1694	David Lyons *	Massachusetts	.....do	....do ...	0	10	0	7	0	0	10	5	20	New York	.....do ....
45	1695	Theodore B. Watson *	New Orleans	16 Apr. 98	....do ...	0	8	0	7	0	1	12	5	27	Maryland	30 Aug. 97
	1696	Thomas J. Shuttleworth	Minneapolis	15 Nov. 97	....do ...	1	2	0	1	0	2	6	5	15	New York	1 Sept. 97
	1697	Clarence S. Vanderbeck *	Columbia	2 Feb. 98	....do ...	0	11	0	3	0	0	8	10	13	.....do	2 Nov. 97
	1698	Clifford H. Sheldon *	Newark	16 May 98	....do ...	0	8	0	5	0	0	8	4	1	Michigan	3 Dec. 97
	1699	John H. Lohman *	Terror	17 June 98	....do ...	0	6	0	0	0	0	8	6	6	Connecticut	13 June 98
50	1700	George Charrette *	Iowa	5 Aug. 98	....do ...	0	5	0	0	0	2	13	7	0	Massachusetts	15 June 98
	1701	Simon Jacobs *	Oregon	5 Sept. 98	....do ...	0	4	0	3	0	0	9	6	0	New York	.....do ....
	1702	George P. Brady *	New York	15 Aug. 98	....do ...	0	4	0	0	0	2	13	7	27	.....do	27 June 98
	1703	Hans Johnsen *	Chicago	1 Dec. 98	....do ...	0	1	0	4	0	1	11	[illegible]	4	.....do	.....do ....
	1704	William Zeitler *	Receiving-ship Richmond	22 Oct. 98	.....	0	3	0	2	0	1	9	7	6	Maryland	1 July 98
55	1705	Charles E. Jaffe *	Philadelphia	20 July 98	1st cruise	0	5	0	0	0	0	8	8	9	New York	11 July 98
	1706	Samuel Chiles *	Buffalo	20 Sept. 98	....do ...	0	3	0	2	0	0	8	7	1	.....do	20 July 98
	1707	George W. Phillip *	Lancaster	23 July 98	....do ...	0	5	0	0	0	0	.....	.....	.....	New Hampshire	.....do ....
	1708	Andrew Olsson *	Olympia	13 Nov. 98	....do ...	0	2	0	0	0	1	6	3	10	New York	16 Sept. 98
	1709	Patrick Hill *	Concord	29 Oct. 98	....do ...	0	2	0	0	0	0	11	2	26	.....do	29 Oct. 98

CARPENTERS—ACTIVE LIST (56).

	1721	David W. Perry	Inspector of corn pith	17 Feb. 98	Dec. 97	14	5	8	11	6	2	.....	.....	.....	Pennsylvania	23 June 69
	1722	Peter T. Ward	Receiving-ship Vermont	27 Nov. 95	Sept. 89	10	1	16	2	2	3	.....	.....	.....	Virginia	8 June 70
	1723	Luther L. Martin	Ordered to Inspection duty	28 Dec. 98	Aug. 95	10	3	15	5	0	6	.....	.....	.....	.....do	30 Oct. 72
	1724	William A. Barry	Cramps' shipyard	22 Oct. 95	May 95	10	4	13	6	1	9	.....	.....	.....	Massachusetts	1 May 73
5	1725	James Burke	Navy-yard, Boston	23 Feb. 98	Nov. 97	12	5	10	11	2	0	.....	.....	.....	.....do	26 Aug. 73
	1726	Philip T. Mager	Inspection duty (Bu. C. and R.)	23 June 98	Apr. 92	9	6	14	2	1	6	.....	.....	.....	California	15 Nov. 73
	1727	John S. Waltemeyer	Massachusetts	10 June 96	Mar. 93	11	5	11	0	1	7	.....	.....	.....	Virginia	30 Dec. 74
	1728	Edward H. Hay	Navy-yard, Boston	20 Sept. 94	June 94	10	5	11	11	1	7	.....	.....	.....	Massachusetts	h 1 Jan. 75
	1729	John G. Tilden	Receiving-ship Wabash	14 Sept. 98	Sept. 98	10	8	11	3	0	9	.....	.....	.....	.....do	4 May 76
10	1730	Alonzo C. Burroughs	Newport News, Va.	19 July 97	June 97	6	7	10	0	4	4	.....	.....	.....	Virginia	9 Mar. 78
	1731	Josiah E. Keen	Naval Academy	12 Jan. 98	Jan. 95	8	0	12	0	0	10	.....	.....	.....	Massachusetts	.....do ....
	1732	Henry Rigby	Navy-yard, Norfolk	15 July 97	July 97	6	9	11	7	1	9	.....	.....	.....	.....do	7 Dec. 78
	1733	Milton F. Roberts	Bath Iron Works	26 Sept. 98	Sept. 98	7	11	8	10	2	3	.....	.....	.....	.....do	12 Dec. 79
	1734	John W. Burnham	Navy-yard, New York	24 July 96	July 96	9	1	9	0	0	8	.....	.....	.....	.....do	24 Mar. 80
15	1735	Benjamin F. Markham	Navy-yard, Norfolk	31 Dec. 98	Oct. 98	8	5	7	2	2	5	.....	.....	.....	Virginia	8 Jan. 81
	1736	Charles H. Bogan	Puritan	30 July 97	Sept. 94	8	1	8	2	1	6	.....	.....	.....	Massachusetts	16 Mar. 81

a Acting appointment; not yet warranted.
b Mate, 14 August, 1897.
c Mate, 19 August, 1897.
d Mate, 8 November, 1897.
e Mate, 3 August, 1866.
f Midshipman, 22 September, 1864; mate, 2 April, 1866; mate, 4 September, 1869.
g Mate, 6 December, 1869.
h Acting boatswain, 13 May, 1887.
i Acting carpenter, 18 April to 19 August, 1874.

CARPENTERS—ACTIVE LIST (56)—Continued.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.			Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Dys.		
	1737	Ellis W. Craig	Inspection duty (Bu. C. and R.)	15 Oct. 98	Sept. 98	8	6	8	6	0	3				Dist. of Columbia	14 Oct. 81
	1738	Joseph B. Fletcher	Navy-yard, Portsmouth	10 Jan. 98	July 96	6	0	7	8	0	3	0	5	0	New Hampshire	5 Feb. 85
	1739	Osgood H. Hilton	Returning from Boston	— Dec. 98	Dec. 98	5	11	5	11	1	0				California	5 Feb. 86
20	1740	Edward W. Smith	Sick leave	30 Dec. 98	Aug. 97	5	7	3	6	0	7				Pennsylvania	7 May 89
	1741	Wilbur F. Stevenson	Yosemite	19 Dec. 98	Jan. 96	3	4	2	7	0	6				Maine	27 July 92
	1742	Spencer C. Brearley	Navy-yard, League Island	10 Feb. 96	Feb. 96	2	11	3	5	0	1				Pennsylvania	do
	1743	Edwin P. Kirk	Columbia	10 Nov. 98	Mar. 95	2	1	3	11	0	1				New Jersey	2 Nov. 92
	1744	William Macdonald	Resolute	17 Dec. 98	Feb. 98	3	1	3	0	0	1				New York	4 Nov. 92
25	1745	George H. Warford	Brooklyn	1 Dec. 96	July 96	3	1	1	1	0	2				California	18 Aug. 94
	1746	Otto Barth	Baltimore	22 Aug. 95	1st cruise	3	4	0	8	0	0				New York	5 Dec. 94
	1747	George Helms	Receiving-ship Vermont	30 Mar. 98	Mar. 98	2	6	1	6	0	0				New York	10 Dec. 94
	1748	George J. Shaw	Monadnock	20 Feb. 96	1st cruise	2	10	0	4	0	1				Virginia	7 Oct. 95
	1749	Francis J. Harte	Philadelphia, Pa. (Bu. C. and R.)	27 Oct. 98	Oct. 98	2	9	0	5	0	1				Pennsylvania	do
30	1750	John T. S. Miller	Newark	21 May 98	Mar. 97	1	3	1	7	0	1				Virginia	1 Feb. 96
	1751	Luther D. Martin	Naval Station, Port Royal	11 Oct. 98	Oct. 98	2	6	0	5	0	1				do	do
	1752	Joel D. Griffen	Navy-yard, New York	16 Nov. 98	Nov. 98	2	3	0	7	0	1				do	do
	1753	William P. Harding*	Monterey	30 Nov. 97	1st cruise	1	1	1	8	0	1				California	23 Mar. 96
	1754	William J. Wren	Amphitrite	25 Aug. 96	do	2	4	0	1	0	0				New York	27 July 96
35	1755	Frank Johnson	Iowa	16 June 97	do	1	7	0	9	0	0				Michigan	26 Aug. 96
	1756	Timothy E. Kiley	Raleigh	24 Apr. 97	do	1	8	0	5	0	0				Virginia	17 Nov. 96
	1757	Joseph A. O'Connor	Badger	20 July 97	do	1	5	0	1	0	0				do	27 May 97
	1758	Charles S. Taylor	Cincinnati	29 Aug. 97	do	1	4	0	1	0	0				do	12 July 97
	1759	James I. Haley	New York	4 Aug. 97	do	1	5	0	0	0	0				New Hampshire	22 July 97
40	1760	George W. A. Bailey	Indiana	22 Oct. 97	do	1	2	0	0	0	1				Virginia	28 Sept. 97
	1761	William Boone*	Boston	21 Mar. 98	do	0	7	0	4	0	1	4	0	4	Maryland	21 Dec. 97
	1762	John H. Gill*	Charleston	11 May 98	do	0	8	0	4	0	1	6	0	0	Massachusetts	do
	1763	Joseph A. Barton*	Philadelphia	27 June 98	do	0	6	0	6	0	0				New York	do
	1764	Charles Thompson*	Navy-yard, Mare Island	2 Apr. 98		0	0	0	11	0	1				do	do
45	1765	John P. Yates*	Oregon	21 Sept. 98	1st cruise	0	4	0	7	0	2	5	9	16	Maryland	do
	1766	Frank H. Preble*	New Orleans	16 Apr. 98	do	0	8	0	2	0	2				New York	do
	1767	Alfred R. Mackie*	Texas	11 Oct. 98	do	0	4	0	7	0	2	3	1	24	do	do
	1768	Clarence L. Bennett*	Chicago	1 Dec. 98	do	0	1	0	5	0	1				do	24 May 98
	1769	Thomas C. Cooney*	Navy-yard, Pensacola	3 July 98		0	0	0	6	0	0	13	3	13	do	27 June 98
50	1770	Franz A. Itrich*	Petrel	29 Sept. 98	1st cruise	0	3	0	0	0	0	14	3	10	California	29 Sept. 98
	1771	Axel L. Sundqvist*	Tr. ship and station. Newport	— Dec. 98		0	0	0	0	0	1	5	4	12	Massachusetts	12 Dec. 98
	1772	McCall Pate*	Terror	28 Dec. 98	Sept. 97	a 1	0	0	6	0	1				Virginia	do
	1773	Thomas W. Richards*	Marietta	12 Dec. 98	1st cruise	0	1	0	0	0	0	8	3	15	Pennsylvania	do
	1774	Alonzo Burke*	Navy-yard, League Island	— Dec. 98		0	0	0	0	0	1	14	0	6	Virginia	do
55	1775	William E. Powell*	Nashville	12 Dec. 98	1st cruise	0	1	0	0	0	0	4	2	27	do	do
	1776	Benjamin D. Pender*	Detroit	do	do	0	1	0	0	0	0	5	8	5	New York	do

* Acting appointment; not yet warranted.
a Acting carpenter, 27 July, 1896; resignation accepted, 10 September, 1897; assistant engineer, for temporary service, 3 June, 1898; honorably discharged, 31 October, 1898.

PHARMACISTS—ACTIVE LIST (25).

	1801	Cornelius O'Leary	Naval Station, Newport	19 Sept. 98		0	0	0	3	0	0	37	6		Rhode Island	15 Sept. 98
	1802	Leopold G. Louis	Navy-yard, New York	17 Sept. 98		0	0	0	3	0	0	33	0		New York	do
	1803	Augustus Prosperi	Naval Academy	19 Sept. 98		0	0	0	3	0	0	31	7		Maryland	do
	1804	Sigismund Leuckart	Michigan	12 Oct. 98		0	0	0	3	0	0	31	1		Pennsylvania	do
5	1805	Robert P. Neville	Naval Hospital, Norfolk	30 Sept. 98		0	0	0	3	0	0	30	9		Virginia	do
	1806	John Cowan	Naval Hospital, New York	19 Sept. 98		0	0	0	3	0	0	27	0		New York	do
	1807	Joseph H. Graham	Naval Hospital, Chelsea	do		0	0	0	3	0	0	26	0		Massachusetts	do
	1808	Samuel Englander	Navy-yard, Mare Island	23 Sept. 98		0	0	0	3	0	0	23	6		California	do
	1809	James H. McGuigan	Naval Proving Ground	12 Dec. 98		0	0	0	3	0	0	23	0		Dist. of Columbia	do
10	1810	John T. Oursler	Naval Academy	19 Sept. 98		0	0	0	3	0	0	22	6		Maryland	do
	1811	Joseph McMahon	Marine Barracks, New York	17 Dec. 98	Dec. 98	0	3	0	0	0	0	20	0		New York	do
	1812	William H. Huntington	Training-ship and sta., Newport	17 Sept. 98		0	0	0	3	0	0	18	5		Rhode Island	do
	1813	Charles E. Reynolds	Receiving-ship Vermont	do		0	0	0	3	0	0	7	4		New York	do
	1814	George H. Klock	Ordered to laboratory, New York	22 Dec. 98		0	0	0	3	0			1		do	do
15	1815	John C. Martin	Naval Dispensary	16 Sept. 98		0	0	0	3	0	0	15	0		Dist. of Columbia	do
	1816	John W. Wood	Naval Hospital, Newport	19 Sept. 98		0	0	0	3	0		14	0		Rhode Island	do
	1817	Francis Wood	Navy-yard, Washington	17 Sept. 98		0	0	0	3	0	0	13	7		New York	do
	1818	Alrik Hammar	Olympia	12 Nov. 98	1st cruise	0	2	0	0	0		13	6		California	do
	1819	Stephen St. John	Naval Hospital, Mare Island	22 Sept. 98		0	0	0	3	0		13	4		do	do
20	1820	Edwin T. Morse	Navy-yard, Boston	17 Sept. 98		0	0	0	3	0		11	10		Massachusetts	do
	1821	John D. Milligan	Fish Commission str. Fish Hawk	18 Sept. 98	1st cruise	0	3	0	0	0		11	9		do	do
	1822	Isaac N. Hurd	Naval Hospital, Portsmouth	19 Sept. 98		0	0	0	3	0	0	11	9		Maine	do
	1823	Richard Waggener	Naval Hospital, Pensacola	do		0	0	0	3	0		10	9		Florida	do
	1824	Stephen W. Douglass	Receiving-ship Wabash	19 Oct. 98		0	0	0	3	0		9	10		Massachusetts	do
25	1825	Philander N. Guise	Naval Hospital, Philadelphia	17 Sept. 98		0	0	0	3	0		8	4		Pennsylvania	do

SAILMAKERS—ACTIVE LIST (11).

	1841	John C. Herbert	Navy-yard, League Island	13 Jan. 90	Aug. 89	16	5	17	1	4	1	2	6	23	Pennsylvania	10 June 61
	1842	William Cuddy	Cramps' shipyard	2 Oct. 94	June 94	13	1	11	6	2	3				California	2 Mar. 72
	1843	John Roddy	Receiving-ship Independence	20 Aug. 98	Oct. 98	8	9	17	9	0	2				Pennsylvania	27 Apr. 72
	1844	Garrett Van Mater	Inspector of steel, Pittsburg	6 July 94	Sept. 92	10	5	12	10	2	8				New York	25 Jan. 73
5	1845	John J. Byrne	Navy-yard, New York	10 Sept. 96	Nov. 89	7	0	8	10	8	2				do	11 Jan. 75
	1846	Frank Watson	Yosemite	27 Dec. 98	Jan. 95	7	0	13	8	1	2				Pennsylvania	3 Mar. 77
	1847	Milton W. Watkins	Inspection duty (Bu. C. and R.)	30 June 98	May 84	3	9	13	3	2	8				Massachusetts	18 Apr. 79
	1848	Charles E. Minter	Lancaster	31 May 98	Aug. 90	4	8	11	9	1	4				Virginia	2 Apr. 81
	1849	Charles H. Jones	Under suspension	30 Nov. 97	Nov. 97	10	11	9	5	3	8	1	1	1	New York	7 Jan. 75
10	1850	John A. Long	Receiving-ship Independence	12 Feb. 96	Oct. 90	4	9	8	6	3	6				Massachusetts	2 Apr. 81
	1851	Michael P. Barr	do	18 May 98	Sept. 97	6	5	4	11	0	4				Dist. of Columbia	4 May 88

MATES—ACTIVE LIST (34).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service.		Shore or other duty.		Unemployed.		Previous service as enlisted man.			Appointed from—	Date of appointment.
						Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Dys.		
	1861	Charles H. Thorne	Receiving-ship Richmond	18 May 92	May 92	7	3	27	11	0	3				Pennsylvania	6 July 63
	1862	James A. Smith	Fish Commission st'r Fish Hawk	4 June 80	Oct. 70	33	1	1	6	0	1	2	8	10	Massachusetts	27 Apr. 64
	1863	Charles J. Murphy	Naval Academy	2 Nov. 84	Mar. 67	2	4	30	7	0	3				Maine	2 Nov. 64
	1864	Lewis M. Melcher	Receiving-ship Franklin	8 July 98	May 96	4	9	25	8	0	10				Massachusetts	9 Oct. 67
5	1865	Albert F. Callander	Receiving-ship Vermont	16 Mar. 94	Mar. 94	20	7	8	2	0	4				New York	26 Nov. 69
	1866	Charles H. Cleaveland	Tug Triton	15 Aug. 98	May 98	29	3	3	4	2	1				Massachusetts	a do
	1867	William Jenney	Receiving-ship Wabash	21 Apr. 94	Aug. 65	4	4	29	10	1	0				do	b 6 Dec. 69
	1868	Charles Wilson	Receiving-ship Vermont	1 Nov. 90	Mar. 77	8	6	23	10	0	11				New York	c 25 Jan. 70
	1869	Henry C. Fuller	do	27 July 97	June 80	11	10	22	5	1	0				do	d 4 Feb. 70
10	1870	James M. Creighton	Fish Commission st'r Fish Hawk	— Dec. 98	Nov. 93	11	2	13	10	3	10				Dist. of Columbia	4 Mar. 70
	1871	Harold Nielsen	Receiving-ship Franklin	16 Oct. 96	Dec. 78	10	8	17	10	0	3	6	3	1	do	29 Mar. 70
	1872	John L. Vennard	Commanding Piscataqua	6 Oct. 98	Sept. 67	5	6	28	5	0	6				New Hampshire	e 26 Apr. 70
	1873	William Johnston	Supply	6 May 98	1st cruise	0	8	0	8	0	0	19	0	21	Pennsylvania	14 Aug. 97
	1874	Olaf Christophersen	Training-ship and sta., Newport	12 Sept. 98	Sept. 98	0	6	0	10	0	0	10	3	0	New York	18 Aug. 97
15	1875	Hjalmer E. Olsen	Receiving-ship Vermont	8 Oct. 98	do	1	1	0	3	0	0	15	9	25	do	20 Aug. 97
	1876	John Kenyon	Receiving-ship Franklin	12 July 98	Dec. 97	0	4	1	4	0	0	19	3	12	do	24 Aug. 97
	1877	John R. Daly	Training-ship and sta., Newport	31 Aug. 97		0	0	1	4	0	0	15	7	27	Rhode Island	do
	1878	Christopher J. Cooper	do	3 Sept. 97		0	0	1	4	0	0	19	0	11	do	27 Aug. 97
	1879	Frederick Muller	Receiving-ship Richmond	18 Oct. 98	Oct. 98	0	6	0	2	0	0	11	3	26	New York	11 Apr. 98
20	1880	Arthur R. Nickerson	Naval Academy	24 Sept. 98	Sept. 98	0	5	0	3	0	0	8	7	23	Massachusetts	do
	1881	Ernest V. Sandstrom	Receiving-ship Franklin	19 Dec. 98	Oct. 98	0	6	0	2	0	0	9	10	16	California	do
	1882	Charles L. Weiss	Naval Academy	6 Oct. 98	do	0	6	0	3	0	0	8	11	27	New York	do
	1883	John McGrath	Receiving-ship Franklin	28 Dec. 98	Dec. 98	0	8	0	0	0	0	12	7	11	Massachusetts	12 Apr. 98
	1884	James H. Doyle	Receiving-ship Vermont	18 Apr. 98		0	0	0	8	0	0	25	1	17	New York	15 Apr. 98
25	1885	George B. Hendry	Navy-yard Pensacola (Tacoma)	17 Dec. 98	Aug. 98	0	5	0	4	0	0	15	7	29	do	do
	1886	Charles Larson	Receiving-ship Franklin	do	Dec. 98	0	7	0	1	0	1	9	11	20	do	do
	1887	Charles T. Chase	Navy-yard, Pensacola	25 Aug. 98	Aug. 98	0	4	0	4	0	0	19	2	2	do	do
	1888	John Mahoney	Supply	17 Apr. 98	1st cruise	0	8	0	0	0	0	10	7	4	Massachusetts	do
	1889	William D. Bartley	Training-ship and sta., Newport	20 July 98		0	0	0	5	0	0	21	5	6		18 July 98
30	1890	Robert E. Simonson	do	26 Aug. 98		0	0	0	4	0	1	12	0	1		23 July 98
	1891	John W. Stoakley	do	20 Aug. 98		0	0	0	4	0	1	9	2	6		do
	1892	Frank A. McGregor	Navy-yard, Washington	4 Nov. 98		0	0	0	4	0	1	6	10	14		do
	1893	Christian Cone	Training-ship and sta., Newport	6 Sept. 98		0	0	0	4	0	1					do
	1894	Ernest John Brown	Naval Academy (Santee)	24 Sept. 98		0	0	0	3	0	1					26 Aug. 98

a Mate, 26 February, 1864; honorably discharged, 27 September, 1869.
b Mate, 19 November, 1861; Acting Ensign, 27 November, 1863; honorably discharged, 11 January, 1866.
c Acting Ensign, 21 June, 1864; honorably discharged, 19 October, 1868.
d Mate, 28 July, 1862; honorably discharged, 23 November, 1868.
e Mate, 9 May, 1862; Acting Ensign, 9 May, 1864; honorably discharged, 5 January, 1868.

NAVAL CADETS

ON PROBATION

AT THE NAVAL ACADEMY, ANNAPOLIS, MD.

Alphabetically arranged.

FIRST CLASS.—*Line Division—Forty-two (42) members.*

	Name.	Appointed from—	Date of admission.		Name.	Appointed from—	Date of admission.
	John E. Bailey	Michigan	20 May 95		Henry E. Lackey	At large	20 May 95
	Claude C. Bloch	Kentucky	6 Sept.95		Edgar B. Larimer	Kansas	6 Sept.95
	John T. Bowers	New Jersey	20 Sept.95		John E. Lewis	Minnesota	do
	Frank O. Branch	Indiana	6 Sept.95	25	Samuel I. M. Major	Kentucky	20 Sept.95
5	Harry L. Brinser	Pennsylvania	do		James E. Mathews	Illinois	20 May 95
	Allen Buchanan	Indiana	do		Charles E. Morgan	West Virginia	6 Sept.95
	James W. L. Clement, jr.	South Carolina	27 Sept.95		Ralph E. Pope	Nebraska	20 May 95
	Cyrus W. Cole	Ohio	20 Sept.95		Hilary H. Royall	Alabama	do
	Charles E. Courtney	New York	20 May 95	30	William R. Sayles, jr	Rhode Island	do
10	Paul B. Dungan	Nebraska	6 Sept.95		Chauncey Shackford	New Jersey	6 Sept.95
	Edward B. Fenner	New York	20 May 95		Lloyd S. Shapley	Missouri	30 May 95
	Charles H. Fischer	Pennsylvania	6 Sept.95		Herbert G. Sparrow	Ohio	6 Sept.95
	Charles W. Forman	Illinois	do		Joseph K. Taussig	At large	5 June 95
	James B. Gilmer	Virginia	19 May 94	35	Samuel B. Thomas	do	31 May 95
15	Henry M. Gleason	Kansas	20 May 95		James H. Tomb	Missouri	6 Sept.95
	John W. Greenslade	Ohio	do		Adolphus E. Watson	At large	30 May 95
	Frank P. Helm, jr.	Kentucky	do		Ernest A. Weichert	Connecticut	6 Sept.95
	Walter M. Hunt	Maine	12 Sept.95		Richard D. White	Missouri	20 May 95
	Alfred W. Johnson	At large	20 May 95	40	Welborn C. Wood	Georgia	6 Sept.95
20	Edward C. Kalbfus	Pennsylvania	do		Clark H. Woodward	do	do
	Victor A. Kimberly	Massachusetts	6 Sept.95		Alexander F. H. Yates	Maine	20 May 95

Engineer Division—Eleven (11) members.

	John T. Beckner	Kentucky	20 May 95		Zachariah H. Madison, jr.	Illinois	6 Sept.94
	Guy A. Bisset	do	6 Sept.95		William S. Miller	Texas	20 Sept.95
	James R. Combs, jr	Illinois	6 Sept.95		Farmer Morrison	Arkansas	6 Sept.95
	Herbert H. Evans	Mississippi	6 Sept.95	10	Everit J. Sadler	Kansas	20 Sept.95
5	Charles B. Hatch, jr.	Illinois	do		Roe W. Vincent	Pennsylvania	6 Sept.95
	Frederick J. Horne	New York	20 May 95				

SECOND CLASS.—*Sixty-four (64) members.*

	Robert A. Abernathy	Tennessee	5 Sept. 96		Carlos A. Gardiner	Illinois	20 May 96
	Clarence L. Arnold	Indiana	do	25	Julius F. Hellweg	Maryland	5 Sept.96
	Benjamin G. Barthalow	Ohio	do		Abram C. Howard	Illinois	do
	Frank D. Berrien	Iowa	do		Charles P. Huff	Missouri	do
5	Robert L. Berry	Kentucky	20 May 96		Joseph J. Hyland	Massachusetts	19 Sept.96
	William F. Bricker	Pennsylvania	19 Sept. 96		Edward S. Jackson, jr.	Pennsylvania	22 May 96
	Samuel W. Bryant	do	5 Sept. 96	30	William N. Jeffers	New York	20 Sept.95
	Bayard T. Bulmer	Nevada	do		Huntington Johnston	Oregon	19 Sept.96
	John M. Caffery	Louisiana	do		Carlton R. Kear	Ohio	20 May 96
10	Harry K. Cage	Texas	20 May 96		Arthur B. Keating	Maryland	19 Sept.96
	William S. Case	Illinois	6 Sept. 95		James C. Kress	Pennsylvania	20 May 97
	John G. Church	Ohio	20 May 96	35	George B. Landenberger	do	20 May 96
	Herbert C. Cocke	Virginia	do		Clarence E. Landram	Kentucky	5 Sept.96
	James H. Comfort	Missouri	do		Daniel P. Mannix	At large	20 May 97
15	Kirby B. Crittenden	do	5 Sept. 96		William McEntee	Minnesota	20 May 96
	Joseph R. Defrees	Illinois	20 May 96		Robert T. Menner	Pennsylvania	5 Sept.96
	Edwin H. Dodd	do	5 Sept. 96	40	Willis G. Mitchell	do	do
	Stafford H. R. Doyle	South Carolina	20 May 96		Robert Morris	Utah	do
	Hayne Ellis	Georgia	5 Sept.96		Frederick R. Naile	Pennsylvania	do
20	William B. Ferguson, jr.	North Carolina	20 May 96		Loveman Noa	Tennessee	do
	Paul Foley	New York	5 Sept. 96		Hugo W. Osterhaus	Virginia	20 May 96
	Charles S. Freeman	Pennsylvania	do	45	William K. Riddle	Tennessee	5 Sept.96
	Sinclair Gannon	Texas	3 June 96		John W. Schoenfeld	New York	20 May 96

SECOND CLASS—Continued.

	Name.	Appointed from—	Date of admission.		Name.	Appointed from—	Date of admission.
	Edison E. Scranton	Ohio	20 May 96		William V. Tomb	Arkansas	5 Sept.96
	William H. Shea	New York	do		Charles R. Train	New York	do
	Wilbert Smith	Michigan	6 July 96		Charles T. Wade	New Jersey	do
50	Charles P. Snyder	West Virginia	20 May 96		John D. Wainwright	Delaware	19 Sept.96
	John A. Spilman	Virginia	do	60	Hollis T. Winston	North Carolina	5 Sept.96
	George W. Steele, jr	Indiana	3 June 96		Stanley Woods	Illinois	20 May 96
	Emil P. Svarz	Texas	20 May 96		Ward K. Wortman	Montana	5 Sept.96
	Hiroaki Tamura	Empire of Japan.	25 May 96		Luke E. Wright, jr	Tennessee	do
55	John W. Timmons	Ohio	3 June 96		Henry L. Wyman	Illinois	6 Sept.95

THIRD CLASS.—*Seventy-two (70) members.*

	James L. Ackerson	Michigan	20 May 97		Joseph L. Hileman	Virginia	10 Sept.97
	Burrell C. Allen	Kansas	7 Sept.97		Alfred G. Howe	Indiana	20 May 97
	William H. Allen	South Carolina	20 May 97		Charles T. Hutchins, jr	Pennsylvania	do
	Adolphus Andrews	Texas	7 Sept.97		John P. Jackson	New Jersey	7 Sept.97
5	John V. Babcock	Iowa	10 Sept. 97	40	Raymond S. Keyes	Ohio	10 Sept.97
	Ivan E. Bass	Mississippi	20 May 97		Ernest J. King	do	6 Sept.97
	Wallace Bertholf	New Jersey	22 Sept.97		Theodore A. Kittinger	Indiana	20 May 97
	George F. Blair	Michigan	8 Sept.97		Thomas R. Kurtz	Minnesota	6 Sept.97
	Ernest A. Brooks	Tennessee	6 Sept.97		Byron A. Long	California	10 Sept.97
10	Charles L. Bruff	New York	20 May 97	45	Rufus S. Manley	Kansas	7 Sept.97
	John T. Burwell	Virginia	do		Lewis B. McBride	Pennsylvania	6 Sept.97
	Guy W. S. Castle	Wisconsin	do		Frank McCommon	Missouri	21 Sept.97
	Harold Colvocoresses	New Jersey	do		Frank R. McCrary	Arkansas	11 Sept.97
	Clarence A. Conway	Michigan	10 Sept.97		Langdon Moore	New York	17 Sept.97
15	Harold E. Cook	Massachusetts	20 May 97	50	George F. Neal	Tennessee	20 May 97
	Merlyn G. Cook	Kansas	10 Sept.97		Garrard P. Nightingale	New York	do
	Lewis S. Cox, jr	New Jersey	20 Sept.97		William Norris	Pennsylvania	7 Sept.97
	John Downes, jr	At large	8 Sept.97		Owen H. Oakley	Nebraska	20 May 97
	John M. Enochs	Mississippi	23 Sept.97		Frederick L. Oliver	North Carolina	8 Sept.97
20	Arthur P. Fairfield	Maine	8 Sept.97	55	Newman K. Perry, jr	South Carolina	9 Sept.97
	Charles W. Fisher, jr	Maryland	1 Oct. 97		William S. Pye	Minnesota	20 May 97
	John J. Fitzpatrick	Louisiana	8 Sept.97		Holden C. Richardson	Pennsylvania	8 Sept.97
	William B. Fogarty	Ohio	20 Sept.97		John Rodgers	At large	7 Sept.97
	Percy W. Foote	North Carolina	20 May 97		Henry L. Roosevelt	New York	6 July 96
25	Orie W. Fowler	Iowa	do	60	Manley H. Simons	Rhode Island	20 May 97
	John C. Fremont, jr	New York	do		Edward E. Spafford	Vermont	9 Sept.97
	Julius A. Furer	Wisconsin	10 Sept.97		William H. Steinhagen	Indiana	6 Sept.97
	John H. Furse	Georgia	20 May 97		Walter N. Vernou	Michigan	20 Sept.97
	William W. Galbraith	Tennessee	do		John H. Walsh	Washington	do
30	Jesse B. Gay	South Dakota.	9 Sept.97	65	George C. Westervelt	Texas	20 May 97
	Caspar Goodrich	Connecticut	7 Sept.97		Guy Whitlock	Minnesota	do
	John F. Green	North Carolina	do		Roger Williams	New York	do
	Edward C. Hamner, jr	Virginia	9 Sept.97		Benyaurd B. Wygant	Florida	20 Sept.97
	John J. Hannigin	Illinois	do		Isaac I. Yates	New York	20 May 97
35	Sidney M. Henry	New York	6 Sept.97	70	Rufus F. Zogbaum, jr	do	do

FOURTH CLASS.—*Ninety-three (91) members.*

	John S. Abbott	Wisconsin	10 Sept.98	25	Roscoe Conkling Davis	Kentucky	22 Sept.98
	Roe R. Adams	Illinois	12 Sept.98		George A. Deering	New York	10 Sept.98
	Kelley D. Alsop	Mississippi	24 May 98		Walter George Diman	Massachusetts	12 Sept.98
	William Ancrum	Pennsylvania.	23 May 98		Otto Carl Dowling	do	9 Sept.98
5	Edwin C. Anderson	South Carolina	do		Charles William Early	Virginia	13 Sept.98
	Herbert M. Apted	Massachusetts	19 Sept.98	30	Emile P. Enfer	New York	21 May 98
	John S. Arwine	Indiana	22 Sept.98		Fred Murphy Eslick	Tennessee	8 Sept.98
	James Maxwell Austin	Alabama	10 Sept.98		Earl Peck Finney	Wisconsin	17 Sept.98
	Don D. Baker	Ohio	20 May 98		Joseph O. Fisher	Maine	21 May 98
10	Harry A. Baldridge	Missouri	13 Sept.98		Frank B. Freyer	Georgia	23 May 98
	Carlos Bean	Texas	12 Sept.98	35	Daniel T. Ghent	Texas	do
	Donald C. Bingham	Alabama	9 Sept.98		Mayer Leon Goldman	Louisiana	7 Sept.98
	John Hale Blackburn	Massachusetts	29 Sept.98		Ralph M. Griswold	Massachusetts	9 Sept.98
	Leroy Brooks, jr	Ohio	8 Sept.98		Frank D. Hall	Illinois	23 May 98
15	George Patten Brown	California	13 Sept.98		Asa Ernest Lasher Hart	New York	22 Sept.98
	Wilson Brown, jr	New Jersey	23 Sept.98	40	Robert Henderson	Massachusetts	21 May 98
	James A. Campbell	Pennsylvania.	8 Sept.98		Christopher J. Hickman	Kentucky	8 Sept.98
	Harold David Childs	Vermont	12 Sept.98		George R. Horning	Pennsylvania.	21 Sept.98
	Abram Claude	Maryland	do		Richard H. Johnston	Missouri	2 June 98
20	William Tipton Conn, jr	do	9 Sept.98		Charles S. Kerrick	California	11 Sept.97
	Oscar F. Cooper	North Carolina	26 May 98	45	Edwin Graham Kintner	Indiana	12 Sept.98
	Merritt S. Corning	New York	10 Sept.98		Horace Scudder Klyce	Arkansas	7 Sept.98
	Ralph Payne Craft	Missouri	21 Sept.98		Lindsay Hensley Lacy	Texas	12 Sept.98
	Gilford Darst	West Virginia	do		Emory Scott Land	Wyoming	9 Sept.98

FOURTH CLASS—Continued.

	Name.	Appointed from—	Date of admission.
	James Patrick Lannon	Virginia	12 Sept.98
50	George Carson Lawrason	Louisiana	9 Sept.98
	Edward John Marquart	Indiana	7 Sept.98
	Frank C. Martin	Illinois	21 May 98
	George J. Meyers	Iowa	23 May 98
	Harry Thomas Morton	Missouri	7 Sept.98
55	William J. Moses	New York	3 June 98
	Thomas A. Mott	North Carolina	21 May 98
	James P. Murdock	New York	10 Sept.98
	Daniel J. Murphy	California	21 May 98
	Neil E. Nichols	Michigan	20 May 98
60	Victor M. Nussbaum	Indiana	24 May 98
	Philip M. O'Reilly	Pennsylvania	do
	Morris W. O'Rourk	Oklahoma	21 May 98
	Franklin W. Osburn	Oregon	27 Sept.98
	George Sanders Ownby	Tennessee	12 Sept.98
65	Thomas L. Ozburn	Illinois	21 May 98
	Edward Bunner Parker	N. Hampshire	9 Sept.98
	Andrew A. Peterson	New York	21 Sept.98
	Lewis B. Porterfield	Alabama	8 Sept.98
	Fred H. Poteet	Missouri	17 Oct. 98
70	Clarence H. Price	Georgia	12 Sept.98
	William Lee Pryor	Missouri	12 Sept.98
	Wm. Dilworth Puleston	Flordia	7 Sept.98
	William J. Quinlan	New York	14 Sept.98
	Semmes Read	West Virginia	3 Oct. 98
75	James Reed, jr	Ohio	8 Sept.98
	James Otto Richardson	Texas	21 Sept.98
	Gilbert J. Rowcliff	Illinois	25 May 98
	Clayton M. Simmers	Pennsylvania	12 Sept.98
	William Walker Smith	Kentucky	8 Sept.98
80	Adolphus Staton	North Carolina	12 Sept.98
	Frank Ward Sterling	Illinois	24 Sept.98
	William T. St. George	New York	21 May 98
	George N. Thompson	Pennsylvania	9 Sept.98
	Julius Curtis Townsend	Iowa	8 Sept.98
85	Richard Wainright, jr	At large	do
	Henry Geo. S. Wallace	Colorado	27 Sept.98
	Robert Wallace, jr	Kentucky	12 Sept.98
	William H. Walthall	Missouri	17 Sept.98
	David A. Weaver	Georgia	11 Sept.97
90	Francis S. Whitten	New Mexico	23 May 98
	John William Woodruff	Michigan	8 Sept.98

OFFICERS APPOINTED FOR TEMPORARY SERVICE, UNDER THE PROVISIONS OF THE ACT OF CONGRESS APPROVED MAY 4, 1898.

LIEUTENANT-COMMANDERS (2).

	Name.	Present duty.	Date of appointment.	Appointed from—
	Ira Harris	Commanding Vulcan	11 May 98	New York.
	Marcus B. Buford	Ordered home	12 May 98	Massachusetts.

LIEUTENANTS (16).

	Guy M. Buck	Lebanon	29 Apr. 98	Maine.
	Samuel M. Blount	Marcellus	30 Apr. 98	Maryland.
	Henry W. Grinnell	Ordered home	4 May 98	Massachusetts.
	Edward V. Roberts	Commanding Supply	do	Pennsylvania.
5	Robert K. Wright	Southerly	12 May 98	Do.
	William J. Wilson	Branch Hydrographic Office, Chicago	14 May 98	Illinois.
	Frank B. Case	Office of Judge-Advocate-General	do	Missouri.
	John C. Dow	Supply	24 May 98	New York.
	Ralph E. Barry	Ordered home	do	California.
10	William S. Seccombe	Commanding Glacier	26 May 98	Massachusetts.
	Warner H. Nostrand	Sterling	17 June 98	New York.
	Arthur C. Parsons	Navy-yard, League Island	do	Illinois.
	Courtland K. Bolles	Peoria	23 June 98	Pennsylvania.
	Charles E. Littlefield	Lebanon	do	Maine.
15	Marston Niles	Ordered home	18 July 98	California.
	John E. Lombard	do	25 July 98	Oregon.

LIEUTENANTS (Junior Grade) (25).

	Stephen Decatur	Ordered home	10 May 98	New Hampshire.
	William H. Caldwell	Resolute	13 May 98	Tennessee.
	Felix H. Hunicke	Hist	14 May 98	Missouri.
	John A. Gorgas, jr	Resolute	20 May 98	New Jersey.
5	John C. Norton	Ordered home	24 May 98	New York.
	Frank Ellery	Training ship Alliance	do	Do.
	Benjamin Wright *	Ordered home	do	Tennessee.
	Selim E. Woodworth	Nero	do	California.
	John F. Scheller	Ordered home	do	New York.
10	Arthur H. Dutton	Vixen	26 May 98	Do.
	John T. McMillan	Brutus	28 May 98	California.
	Winslow Allderdice	Training ship Alliance	1 June 98	Ohio.
	James W. Wilmott	Ordered home	do	Florida.
	Charles B. Fithian	do	2 June 98	Pennsylvania.
15	Frederick E. Swanstrom	Nero	8 June 98	Minnesota.
	George Breed	Justin	17 June 98	Pennsylvania.
	E. V. Lynam	Marcellus	21 June 98	Maine.
	Edward Perks	Ordered home	22 June 98	California.
	John McIntyre	Marcellus	23 June 98	New York.
20	Hugh K. Norman	Glacier	6 July 98	Rhode Island.
	Henry E. Betts	Marcellus	do	New York.
	Frank P. Crockett	Ordered home	8 July 98	Do.
	William Cox	Solace	9 July 98	Maine.
	Thomas M. MacKnight	Glacier	19 July 98	New Jersey.
25	Charles S. Thurston	Ordered home	20 July 98	Massachusetts.

ENSIGNS (38).

	William M. Willett	Solace	5 May 98	New York.
	Walter W. Barrett	do	do	Do.
	Frank H. Edthofer	Supply	9 May 98	Louisiana.
	George W. Ryan	Hist	10 May 98	Massachusetts.
5	Johannes H. Cuntz	Southery	11 May 98	New Jersey.
	Cornelius C. Billings	Ordered home	12 May 98	Vermont.
	Albert Houston	Newark	14 May 98	Maryland.
	Gerald L. Holsinger	Ordered home	do	Kansas.
	Moses D. Monroe	Sick leave	do	New York.
10	William A. O'Malley	Abarenda	do	Pennsylvania.
	Ernest E. West	Ordered home	do	Georgia.
	Edward R. Cassidy	Sterling	do	New York.
	John H. A. Day	Detroit	do	Do.
	Richard G. McConnell	Ordered home	do	Pennsylvania.

* To be discharged on arrival home.

ENSIGNS (38)—Continued.

	Name.	Present duty.	Date of appointment.	Appointed from—
15	Benjamin F. Jacobs	Ordered home	20 May 98	Massachusetts.
	Joseph H. Crozier	Supply	21 May 98	Pennsylvania.
	Frank H. Ainsworth	Abarenda	do	New York.
	James C. Summers	Ordered home	do	Do.
	Wirt McCreary	Supply	24 May 98	Ohio.
20	Harry S. Myddleton	Ordered home	do	New Jersey.
	Benjamin M. Lombard	do	do	Oregon.
	Williamson Dunn	Brutus	25 May 98	California.
	Richard M. Cutts	Abarenda	26 May 98	Do.
	Custis P. Upshur	Arethusa	28 May 98	District of Columbia.
25	John Burns	Lebanon	do	New York.
	Hugh Macpherson	Glacier	do	California.
	William C. White	do	do	Georgia.
	Franklin B. Harwood	Sandoval	2 June 98	Massachusetts.
	K. F. Martens	Ordered home	do	Do.
30	Whitney I. Eisler	Sterling	4 June 98	New York.
	Augustine B. McManus	Resolute	8 June 98	Maryland.
	Laurie H. Talbot	Peoria	29 June 98	Rhode Island.
	William C. Bliss	do	do	Do.
	Julius M. Dashiell	Arethusa	30 June 98	Maryland.
35	Charles A. Thompson	do	2 July 98	New York.
	Samuel Hammond	Ordered home	8 July 98	Massachusetts.
	Hugh E. King	do	30 July 98	Illinois.
	William H. Quinlan	Southery	5 Aug. 98	Do.

PASSED ASSISTANT SURGEON (1).

	Relative rank of Lieutenant (junior grade).			
	John F. Bransford	Ordered home	*a*21 Sept. 98	Virginia.

ASSISTANT SURGEONS (21).

	Relative rank of Ensign.			
	Frank B. Hancock	Eagle	25 Apr. 98	Pennsylvania.
	John J. Snyder	Ordered home	do	Do.
	Henry A. Dunn	Cincinnati	do	District of Columbia.
	Allan Stuart	Naval Station, Port Royal	do	South Carolina.
5	Edward M. Blackwell	Receiving ship Franklin	do	Virginia.
	Henry D. Averill	Scindia	9 May 98	Maine.
	William H. Ulsh	Naval Hospital, Philadelphia	12 May 98	Pennsylvania.
	Mack V. Stone	Nero	24 May 98	California.
	Chauncey R. Burr	Brutus	do	Do.
10	Dennis F. Sughrue	Abarenda	2 June 98	Massachusetts.
	Henry E. Odell	Philadelphia	do	Ohio.
	Barton L. Wright	Receiving ship Vermont	13 June 98	Pennsylvania.
	George F. Freeman	Arethusa	do	Massachusetts.
	James S. Taylor	Recruiting rendezvous, Chicago	29 June 98	New Jersey.
15	Raphael O. Marcour	Naval Station, Key West	do	Louisiana.
	James H. Payne, jr	Marcellus	do	Massachusetts.
	Jacob Stepp	Justin	8 July 98	Do.
	Charles H. DeLancy	Receiving ship Wabash	do	New York.
	Frederick M. Bogan	Sterling	13 July 98	District of Columbia.
20	Rice K. McClanahan	Southery	do	Virginia.
	Warren E. G. High	Iris	do	Pennsylvania.

PASSED ASSISTANT PAYMASTERS (2).

	Relative rank of Lieutenant.			
	George E. Norris	Ordered home	23 Apr. 98	Massachusetts.
	Parker Cook	do	30 Apr. 98	Maryland.

a Assistant Surgeon 4 May, 1898.

ASSISTANT PAYMASTERS (24).

	Name.	Present duty.	Date of appointment.	Appointed from—
	Relative rank of Ensign.			
	Herbert E. Stevens	Solace	30 Apr. 98	Massachusetts.
	Eugene C. Tobey	Marcellus	25 May 98	Maine.
	Charles W. Eliason	Abarenda	7 June 98	District of Columbia.
	William B. Rogers	Michigan	....do	Pennsylvania.
5	Jonathan Brooks	Puritan	10 June 98	Massachusetts.
	John R. Sanford	Justin	....do	New York.
	George R. Venable	Navy-yard, Pensacola	11 June 98	Virginia.
	Howard P. Ash	Mayflower	....do	Pennsylvania.
	Hugh R. Insley	Albatross	....do	California.
10	Emlen P. Etting	Ordered home	13 June 98	Pennsylvania.
	James W. Tierney	Cæsar	....do	Virginia.
	Edmund B. Iglehart	Scorpion	....do	Maryland.
	Eugene F. Hall	Arethusa	9 July 98	Kentucky.
	Charles R. O'Leary	Sterling	....do	Pennsylvania.
15	Rufus Coffin	Resolute	12 July 98	Massachusetts.
	Albert W. Lavender	Southery	....do	South Dakota.
	Robert H. Cowan	Lebanon	19 July 98	North Carolina.
	Warren L. Sawyer	Badger	20 July 98	New York.
	Le Roy H. Shields	Panther	21 July 98	Virginia.
20	William A. Collier	Ordered home	26 July 98	Alabama.
	Arthur H. Cathcart	Vixen	27 July 98	Minnesota.
	David M. Addison	Supply	18 Aug. 98	Kansas.
	Francis R. Maloney	Naval Station, Key West	2 Sept. 98	Florida.
	Lewis Poessell	Concord	24 Sept. 98	New York.

CHIEF ENGINEERS (4).

	Relative rank of Lieutenant.			
	William H. Levay	Ordered home	3 May 98	New York.
	Mortimer E. Cooley	....do	10 May 98	Michigan.
	Robert S. Paul	Badger	21 May 98	New York.
	Gardiner C. Sims	Ordered home	*a*28 May 98	Rhode Island.

PASSED ASSISTANT ENGINEERS (22).

	Relative rank of Lieutenant.			
	Lyman B. Perkins	Navy-yard, Norfolk	12 May 98	Connecticut.
	Robert S. Talbot	Ordered home	14 May 98	New York.
	Frank D. Terry	Yosemite	....do	Massachusetts.
	Patrick J. McMahon	Naval station, Key West	20 May 98	Louisiana.
5	William C. Bennett	Ordered home	....do	New Jersey.
	David P. Moran	Sterling	1 June 98	Massachusetts.
	Albert J. Mickley	Ordered home	10 June 98	New York.
	William H. Mears	Navy-yard, Mare Island	24 June 98	Pennsylvania.
	William M. Barr	Navy-yard, Boston	13 July 98	Do.
	Relative rank of Lieutenant (junior grade).			
10	Frederic W. Baker	Monterey	14 May 98	Maryland.
	Thomas P. Neilson	Celtic	....do	Pennsylvania.
	Samuel Thompson	Ordered home	....do	New Jersey.
	John L. MacVicar	....do	25 May 98	Pennsylvania.
	Charles A. McAllister	Philadelphia	10 June 98	New York.
15	Carl M. Green	Ordered home	....do	Do.
	William B. Carswell	....do	23 June 98	Delaware.
	Michael N. Usina	Justin	24 June 98	Georgia.
	William H. Perkins	Ordered home	....do	Connecticut.
	Edward F. White	Navy-yard, New York	....do	New Jersey.
20	Bert C. Ball	Bureau Steam Engineering	....do	Do.
	Frank L. Strong	Manila	....do	Illinois.
	George W. Perkins	Ordered home	6 July 98	New York.

a Passed Assistant Engineer 12 May, 1898.

ASSISTANT ENGINEERS (43).

	Name.	Present duty.	Date of appointment.	Appointed from—
	Relative rank of Ensign.			
	Henry T. Powell	Ordered home	30 Apr. 98	Maryland.
	Add Anderson	do	4 May 98	Pennsylvania.
	Thomas E. Brady	Supply	do	Do.
	Frank C. Williams	Ordered home	9 May 98	New York.
5	Charles B. Forgham	Nero	12 May 98	Do.
	William H. Mackay	Ordered home	13 May 98	New Jersey.
	Percy L. Neel	Raleigh	14 May 98	Pennsylvania.
	Horatio N. Emmons	do	do	Missouri.
	Frederick C. Neilson	Prairie	do	Massachusetts.
10	Lee D. Fisher	Buffalo	do	New York.
	William R. Strickland	Ordered home	do	Massachusetts.
	James L. Smith	Concord	do	New York.
	Thomas Alward	Monadnock	do	District of Columbia.
	Walter H. Steiger	Raleigh	do	New York.
15	William D. Edwards	Ordered home	do	Massachusetts.
	William H. Messenger	do	do	New York.
	Walter K. Clark	do	20 May 98	Illinois.
	Thomas W. Clarke	Philadelphia	do	Massachusetts.
	Julius I. Wile	Boston	do	New York.
20	George B. Massey	Buffalo	25 May 98	Do.
	Howell C. Cooper	Ordered home	do	Pennsylvania.
	Harry E. Middleton	Charleston	do	District of Columbia.
	James F. Snow	Ordered home	1 June 98	Missouri.
	William S. Barger	Petrel	do	Pennsylvania.
25	Henry M. Leps	Monocacy	do	West Virginia.
	Albert D. Brown	Callao	do	Pennsylvania.
	William L. Walker	Boston	do	Massachusetts.
	August Mehlman	Lebanon	do	New York.
	Norris K. Davis	Philadelphia	3 June 98	California.
30	James R. Selfridge	Ordered home	do	Do.
	Ellicott McConnell	Peoria	do	Do.
	Edward M. Jennings	Ordered home	do	Connecticut.
	Thomas Rodger	Navy-yard, New York	do	Pennsylvania.
	Warren H. Miller	Glacier	do	New Jersey.
35	Robert M. Wilkins	Asiatic Station	15 June 98	New York.
	Gilbert Bloss	Boston	18 June 98	District of Columbia.
	Murray Warner	Inspection duty	21 June 98	Illinois.
	James V. Rockwell	Navy-yard, Norfolk	22 June 98	New York.
	William H. Thompson, jr	Inspection duty	do	Missouri.
40	Joseph H. Howatt	Ordered home	23 June 98	New York.
	William E. Dickey	Buffalo	24 June 98	New York.
	William H. Johnson	Glacier	25 June 98	District of Columbia.
	Charles A. Baechtold	Yankee	1 July 98	Kentucky.

BOATSWAIN (1).

	Andrew F. Hall	Navy-yard, New York	23 June 98	Massachusetts.

MATES (5).

	John H. Haynsworth	Naval station, Port Royal (Wabon)	25 Apr. 98	South Carolina.
	Micah Jenkins	Commanding Massasoit	17 June 98	Do.
	Peter L. Lea	Accomac	19 June 98	Do.
	Joseph J. Delaney	Pensacola	22 June 98	California.
5	Thomas J. Garrett	Inspection duty	29 June 98	Maryland.

RETIRED LIST.

List of officers of the Navy retired in conformity with the following laws:

A. Retired after 45 years' service. Act of December 21, 1861, and amendments.
B. Retired on attaining the age of 62 years. Act of December 21, 1861, and amendments. Section 1444, R. S.
C. Retired on own application after 40 years' service. Act of August 3, 1861, section 21.

REAR-ADMIRALS (32).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
					Ys.	*Ms.*	*Ys.*	*Ms.*
	Thomas O. Selfridge	Washington, D. C	*a*24 Apr. 66	A.	15	4	21	2
	Roger N. Stembel	do	*b*27 Dec. 72	B.	20	7	11	4
	George B. Balch	Baltimore, Md	3 Jan. 83	B.	21	2	19	8
	Peirce Crosby	Washington, D. C	29 Oct. 83	C.	23	1	12	9
5	Aaron K. Hughes	do	31 Mar. 84	B.	19	7	13	0
	Thomas S. Phelps	do	2 Nov. 84	B.	25	5	14	9
	John H. Upshur	do	1 June 85	C.	22	5	16	8
	Francis A. Roe	do	4 Oct. 85	B.	24	0	10	0
	Samuel R. Franklin	do	24 Aug. 87	B.	25	11	17	1
10	Stephen B. Luce	Newport, R. I	25 Mar. 89	B.	33	1	12	3
	James E. Jouett	Washington, D. C	27 Feb. 90	B.	26	10	17	0
	Lewis A. Kimberly	Prize Commissioner, Portland, Me	2 Apr. 92	B.	23	8	16	1
	Bancroft Gherardi	New York, N. Y	10 Nov. 94	B.	25	8	17	0
	George E. Belknap	Brookline, Mass	22 Jan. 94	B.	24	4	18	7
15	David B. Harmony	Santa Barbara, Cal	26 June 93	C.	21	7	17	5
	Andrew E. K. Benham	Prize Commissioner, Georgia	10 Apr. 94	B.	22	11	18	8
	John Irwin	Prize Commissioner, South Carolina	15 Apr. 94	B.	21	11	19	9
	James A. Greer	Washington, D. C	28 Feb. 95	B.	20	4	22	5
	Aaron W. Weaver	do	26 Sept. 93	C.	20	1	20	2
20	George Brown	Indianapolis, Ind	19 June 97	B.	22	7	19	5
	John G. Walker	Special duty	20 Mar. 97	B.	17	2	24	1
	Francis M. Ramsay	do	5 Apr. 97	B.	16	9	28	7
	Oscar F. Stanton	New London, Conn	30 July 94	C.	19	9	17	8
	Henry Erben	New York, N. Y	6 Sept. 94	B.	20	2	20	6
25	Charles C. Carpenter	Portsmouth, N. H	27 Feb. 96	B.	17	7	18	8
	Lester A. Beardslee	Little Falls, N. Y	1 Feb. 98	B.	21	5	17	7
	Thomas O. Selfridge, jr	Washington, D. C	6 Feb. 98	B.	20	5	20	6
	Joseph N. Miller	Springfield, Ohio	22 Nov. 98	B.	18	7	26	0
	Montgomery Sicard	Special duty, Navy Department	30 Sept. 98	B.	16	6	29	2
30	Edmund O. Matthews	do	24 Oct. 98	B.	14	3	29	3
	Charles S. Norton	do	10 Aug. 98	B.	16	9	25	9
	Francis M. Bunce	Commandant, Navy-yard, New York	25 Dec. 98	B.	17	5	18	10

COMMODORES (11).

	Lewis C. Sartori	Philadelphia, Pa	3 June 74	B.	19	4	9	9
	Albert G. Clary	Lisbon, Portugal	7 Aug. 76	B.	20	8	6	10
	Somerville Nicholson	Washington, D. C	7 Apr. 81	C.	17	8	12	3
	Oscar C. Badger	do	12 Aug. 85	B.	21	1	18	6
5	William K. Mayo	do	18 May 86	C.	20	1	11	9
	William P. McCann	Prize Commissioner, southern district N. Y	4 May 92	B.	19	4	19	0
	James H. Gillis	Delhi, N. Y	14 May 93	B.	22	4	11	10
	Edward E. Potter	Philadelphia, Pa	9 May 95	B.	19	3	18	10
	Robert L. Phythian	Annapolis, Md	29 July 97	B.	15	1	25	4
10	Rush R. Wallace	Washington, D. C	7 Nov. 97	B.	17	10	22	4
	George H. Perkins	Boston, Mass	*c*1 Oct. 91	C.	15	4	10	8

a Retired as Commodore, promoted 25 July, 1866.
b Retired as Commodore, promoted 5 June, 1874.
c Retired as Captain, promoted 9 May, 1896.

RETIRED LIST.

List of officers of the Navy retired in conformity with the following laws:

A. Retired after 45 years' service. Act of December 21, 1861, and amendments.
B. Retired on attaining the age of 62 years. Act of December 21, 1861, and amendments. Section 1444, R. S.
C. Retired on own application after 40 years' service. Act of August 3, 1861, section 21.

REAR-ADMIRALS (32).

	Appointed from—	Entry and promotions on active list.								
		Entry.	Passed Midshipman.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.	Commodore.	Rear-Admiral.
	Mass ...	1 Jan. 18	.....	.....	3 Mar. 27	.....	11 Apr. 44	14 Sept. 55	16 July 62	.....
	Ohio	27 Mar. 32	23 June 38	.....	26 Oct. 43	.....	1 July 61	25 July 66	13 July 70	.....
	Ala.....	30 Dec. 37	29 June 43	.....	16 Aug. 50	.....	16 July 62	.....do	13 Aug. 72	5 June 78
	Pa.....	5 June 38	20 May 44	4 Nov. 52	3 Sept. 53	.....	....do	27 May 68	3 Oct. 74	10 Mar. 82
5	N. Y....	20 Oct. 38	....do	19 Dec. 52	18 Oct. 53	.....	16 Nov. 62	10 Feb. 69	4 Feb. 75	2 July 82
	Me	17 Jan. 40	11 July 46	1 Mar. 55	14 Sept. 55	16 July 62	5 Aug. 65	19 Jan. 71	13 Jan. 79	1 Mar. 84
	D. C	4 Nov. 41	10 Aug. 47	18 Apr. 55	....do	....do	25 July 66	31 Jan. 72	11 July 80	1 Oct. 84
	N. Y....	19 Oct. 41	....do. *a* ..	8 Aug. 55	....do	....do	....do	1 Apr. 72	26 Nov. 80	3 Nov. 84
	Pa.....	18 Feb. 41	....do	18 Apr. 55	....do	....do	27 Sept. 66	13 Aug. 72	28 May 81	24 Jan. 85
10	N. Y....	19 Oct. 41	....do	14 Sept. 55	15 Sept. 55	....do	25 July 66	28 Dec. 72	25 Nov. 81	5 Oct. 85
	Ky	10 Sept. 41	....do	....do	....do	....do	....do	7 Jan. 74	11 Jan. 83	19 Feb. 86
	Ill.....	8 Dec. 46	8 June 52	15 Sept. 55	16 Sept. 55	....do	....do	3 Oct. 74	27 Sept. 84	26 Jan. 87
	Mass ...	29 June 46	....do	....do	....do	....do	....do	9 Nov. 74	3 Nov. 84	25 Aug. 87
	N. H....	7 Oct. 47	10 June 53	....do	....do	....do	....do	25 Jan. 75	2 June 85	12 Feb. 89
15	Pa.....	7 Apr. 47	....do	....do	....do	....do	....do	4 Feb. 75	23 Sept. 85	26 Mar. 89
	N. Y....	24 Nov. 47	....do	....do	....do	....do	....do	12 Mar. 75	30 Oct. 85	28 Feb. 90
	Pa.....	9 Sept. 47	....do	....do	....do	....do	....do	15 May 75	4 Mar. 86	19 May 91
	Ohio	10 Jan. 48	15 June 54	....do	....do	....do	....do	26 Apr. 76	19 May 86	3 Apr. 92
	Ohio	10 May 48	....do	....do	....do	....do	....do	8 Aug. 76	7 Oct. 86	27 June 93
20	Ind.....	5 Feb. 49	12 June 55	16 Sept. 55	2 June 56	....do	....do	25 Apr. 77	4 Sept. 87	27 Sept. 93
	Iowa ...	5 Oct. 50	20 June 56	22 Jan. 58	23 Jan. 58	....do	....do	25 June 77	12 Feb. 89	23 Jan. 94
	Pa.....	....do	....do	....do	....do	....do	....do	1 Dec. 77	26 Mar. 89	11 Apr. 94
	N. Y....	29 Dec. 49	12 June 55	16 Sept. 55	2 Apr. 56	....do	12 Dec. 67	11 June 79	19 May 91	21 July 94
	N. Y....	17 June 48	....do	....do	27 Dec. 56	....do	6 May 68	1 Nov. 79	3 Apr. 92	31 July 94
25	Mass ...	1 Oct. 50	20 June 56	22 Jan. 58	23 Jan. 58	....do	10 Feb. 69	25 Mar. 80	15 May 93	11 Nov. 94
	N. Y....	5 Mar. 50	....do	....do	23 July 59	....do	12 June 69	26 Nov. 80	23 Jan. 94	21 May 95
	Mass ...	3 Oct. 51	22 Nov. 56	....do	15 Feb. 60	....do	31 Dec. 69	24 Feb. 81	11 Apr. 94	28 Feb. 96
	Ohio	1 Oct. 51	....do	....do	19 Feb. 60	....do	25 Jan. 70	28 May 81	16 Apr. 94	21 Mar. 97
	N. Y....	....do	15 Apr. 58	4 Nov. 58	31 May 60	....do	2 Mar. 70	7 Aug. 81	10 July 94	6 Apr. 97
30	Mo	2 Oct. 51	....do....	....do	27 June 60	....do	22 Apr. 70	14 Sept. 81	21 July 94	19 June 97
	N. Y....	3 Oct. 51	....do....	....do	24 Nov. 60	....do	1 July 70	12 Oct. 81	31 July 94	1 Feb. 98
	Conn ...	28 May 52	25 June 60	24 Oct. 60	11 Apr. 61	15 Jan. 63	2 Nov. 71	11 Jan. 83	1 Mar. 95	6 Feb. 98

COMMODORES (11).

	N. Y....	2 Feb. 29	15 June 37	.....	8 Sept. 41	.....	27 Apr. 61	26 Sept. 66	12 Dec. 73	.....
	Mass ...	8 May 32	8 July 39	.....	11 Apr. 45	.....	16 July 62	21 Nov. 66	5 Apr. 74	.....
	N. Y....	21 June 39	2 July 45	9 Sept. 53	5 May 54	16 July 62	2 Jan. 63	10 June 70	22 Jan. 80	.....
	Pa.....	9 Sept. 41	10 Aug. 47	14 Sept. 55	15 Sept. 55	....do	25 July 66	25 Nov. 72	15 Nov. 81	.....
5	Va.....	18 Oct. 41	....do	....do	....do	....do	....do	12 Dec. 73	2 July 82	.....
	Ky	1 Nov. 48	15 June 54	15 Sept. 55	16 Sept. 55	....do	....do	21 Sept. 76	26 Jan. 87	.....
	Pa.....	12 Oct. 48	....do	16 Sept. 55	17 Sept. 55	....do	....do	30 Sept. 76	29 Jan. 87	.....
	Ill.....	5 Feb. 50	20 June 56	22 Jan. 58	18 Mar. 58	....do	2 Mar. 69	1 Apr. 80	27 June 93	.....
	Ky	28 Jan. 53	29 Apr. 59	5 Sept. 59	25 Dec. 60	....do	13 July 70	15 Nov. 81	7 Sept. 94	.....
10	Tenn ...	25 May 52	....do	....do	17 Jan. 61	1 Oct. 62	28 Oct. 70	4 Feb. 82	11 Nov. 94	.....
	N. H....	1 Oct. 51	....do	....do	2 Feb. 61	13 Dec. 62	19 Jan. 71	10 Mar. 82	.....	.....

a Out of service 11 months from 12 June, 1848.

CAPTAINS (4).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
					Ys.	Ms.	Ys.	Ms.
	S. Livingston Breese	Wilmington, Del	30 Mar. 88	C.	18	7	11	10
	Allen V. Reed	Pinehurst, N. C	11 June 96	C.	15	6	18	8
	Alfred T. Mahan	Special duty, New York, N. Y	17 Nov. 96	C.	15	10	19	6
	Henry B. Seely	Philadelphia, Pa	30 June 92	C.	15	9	15	4

COMMANDERS (12).

	Francis M. Green	Brookline, Mass	23 Feb. 97	B.	a15	11	a18	3
	John N. Quackenbush	Washington, D. C	1 June 95	B.	11	4	2	5
	Edward Hooker	Brooklyn, N. Y	25 Dec. 84	B.	a6	2	a16	10
	Thomas Nelson	Annapolis, Md	5 Dec. 96	B.	a18	5	a13	6
5	Charles A. Schetky	Haddonfield, N. J	8 Mar. 89	B.	a9	2	a13	5
	John K. Winn	Key West, Fla	31 Aug. 95	B.	a10	5	a21	7
	William B. Newman	Hackensack, N. J	9 Nov. 96	B.	a19	1	a11	7
	Andrew J. Iverson	Beverly, Mass	4 Jan. 97	B.	a17	4	a14	3
	Zera L. Tanner	Special duty, Washington, D. C	5 Dec. 97	B.	a24	5	a6	8
10	Samuel Belden	New London, Conn	27 Apr. 98	B.	15	6	17	1
	John C. Morong	San Francisco, Cal	28 Aug. 97	B.	a14	4	a17	10
	James D. Graham	New York, N. Y	25 Sept. 97	C.	15	1	12	9

MEDICAL DIRECTORS (22).

	Relative rank of Commodore (4).							
	William Grier	Washington, D. C	5 Oct. 78	B.	17	7	17	7
	Samuel Jackson	do	1 Apr. 79	B.	17	4	19	2
	Francis M. Gunnell	do	27 Nov. 89	B.	16	7	21	6
	Albert L. Gihon	New York, N. Y	28 Sept. 95	B.	11	0	27	7
	Relative rank of Captain (17).							
5	Phineas J. Horwitz	Philadelphia, Pa	3 Mar. 84	B.	7	10	21	9
	Edward Shippen	do	18 June 88	B.	13	4	22	1
	Samuel F. Coues	Cambridge, Mass	17 Sept. 87	B.	13	7	18	4
	Jacob S. Dungan	San Francisco, Cal	11 Jan. 87	B.	13	11	17	5
	George Peck	Elizabeth, N. J	9 July 88	B.	12	7	19	5
10	Thomas J. Turner	Coldwater, Mich	21 Sept. 91	B.	11	2	20	2
	John Y. Taylor	Washington, D. C	21 Jan. 91	B.	13	11	20	0
	William T. Hord	do	3 Mar. 93	B.	10	7	23	1
	Richard C. Dean	do	27 May 95	B.	10	9	25	2
	Delavan Bloodgood	Special duty, New York, N. Y	20 Aug. 93	B.	13	1	22	2
15	David Kindleberger	New York, N. Y	2 Sept. 96	B.	12	3	19	5
	Philip S. Wales	On leave abroad	27 Feb. 96	B.	8	5	21	2
	Edward S. Bogert	Yavy-yard, New York	7 May 98	B.	11	11	24	1
	Henry M. Wells	New York, N. Y	20 Jan. 97	B.	14	4	19	8
	Benjamin H. Kidder	Beaufort, S. C	23 Jan. 98	B.	14	3	17	7
20	George H. Cooke	Naval Hospital, Philadelphia	12 Dec. 98	B.	14	0	17	11
	Thomas N. Penrose	Brooklyn, N. Y	6 June 97	B.	15	2	16	5
	Daniel McMurtrie	Member Ex. Bd., Washington, D. C	18 June 98	B.	12	11	19	4

a Includes service in Volunteer navy.

CAPTAINS (4).

Appointed from—	Entry and promotions on active list.							
	Acting Midshipman.	Midshipman.	Passed Midshipman.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
Ill	.....	14 May 46	8 June 52	15 Sept. 55	16 Sept. 55	16 July 62	24 Apr. 67	26 Apr. 78
N. Y	26 Sept. 54	11 June 58	19 Jan. 61	23 Feb. 61	18 Apr. 61	3 Mar. 65	1 Apr. 72	28 July 84
N. Y	30 Sept. 56	9 June 59	.....	.....	31 Aug. 61	7 June 65	20 Nov. 72	23 Sept. 85
N. Y	26 May 52	10 June 57	25 June 60	24 Oct. 60	17 Apr. 61	21 Feb. 64	24 Aug. 73	13 Dec. 86

COMMANDERS (12).

		Acting Ensign.	Acting Master.	Acting Volunteer Lieutenant.	Acting Volunteer Lieutenant-Commander.	Master.	Lieutenant.	Lieutenant Commander.	Commander.
	Mass	.....	18 June 61	*a* 2 Apr. 61	20 Jan. 65	.....	12 Mar. 68	18 Dec. 68	7 July 83
	N. Y	.....	24 Sept. 47	.....	.....	13 May 61	16 July 62	25 May 71	(*)
	R. I	.....	19 July 61	6 Sept. 62	.....	.....	12 Mar. 68	18 Dec. 68	9 Feb. 84
	Pa	*b* 7 Nov. 62	27 Mar. 65	.....	.....	12 Mar. 68	18 Dec. 68	25 Jan. 70	13 Dec. 86
5	N. Y	27 June 63	.....	.....	.....	.....do....	.....do....	1 Dec. 77	4 Sept. 87
	Mass	*c* 10 June 63	6 Aug. 64	27 July 65	.....	18 Mar. 68	.....do....	11 Dec. 77	31 Mar. 88
	N. Y	(*d*)	3 Feb. 62	.....	.....	18 Dec. 68	21 Mar. 70	2 June 82	1 July 92
	Mass	*e* 6 Oct. 64	.....	.....	.....	.....do....	.....do....	19 June 82	4 Dec. 92
	N. Y	18 Aug. 62	*f* 29 Sept. 64	.....	.....	.....do....	.....do....	22 Feb. 83	7 Feb. 93
10	Conn	10 Sept. 62	19 Feb. 64	18 May 65	(*g*)	.....do....	.....do....	7 July 83	25 Feb. 93
	Me	*f* 1 Apr. 63	1 June 64	.....	.....	.....do....	.....do....	5 June 84	27 June 93
	Ill	(*h*)	.....	.....	.....	.....	1 Aug. 62	25 July 66	9 Sept. 76

MEDICAL DIRECTORS (22).

		Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
	Maryland	7 Mar. 38	.....	14 Apr. 52	.....	3 Mar. 71
	North Carolina	20 June 38	22 Nov. 43	2 Sept. 52	.....	.....do....
	District of Columbia	22 Mar. 49	7 Apr. 54	23 Apr. 61	3 Mar. 71	3 Feb. 75
	Pennsylvania	1 May 55	3 May 60	1 Aug. 61	7 Nov. 72	20 Aug. 79
5	Pennsylvania	8 Nov. 47	.....	19 Apr. 61	.....	30 June 73
	Pennsylvania	7 Aug. 49	21 Apr. 55	26 Apr. 61	3 Mar. 71	17 Mar. 76
	New Hampshire	25 Feb. 51	9 Apr. 56	.....do....	.....do....	13 Aug. 76
	Pennsylvania	.....do....	.....do....	1 May 61	.....do....	31 Dec. 76
	New York	.....do....	.....do....	30 May 61	28 May 71	7 Jan. 78
10	Pennsylvania	16 Dec. 53	20 May 59	20 June 61	26 Apr. 72	2 Apr. 79
	Delaware	26 Sept. 53	26 Sept. 58	1 Aug. 61	29 June 72	20 Apr. 79
	Kentucky	1 Nov. 54	1 Nov. 59	.....do....	6 July 72	1 May 79
	New Jersey	17 Apr. 56	17 Apr. 61	1 Aug. 61	8 June 73	10 June 80
	New York	13 Mar. 57	24 Oct. 61	24 Jan. 62	23 Feb. 75	22 Aug. 84
15	Ohio	20 May 59	7 June 62	14 Aug. 62	13 Aug. 76	30 Jan. 87
	Maryland	7 Aug. 56	7 Aug. 61	12 Oct. 61	30 June 73	15 Oct. 81
	New York	10 June 61	22 June 64	6 Apr. 66	10 Sept. 82	28 Nov. 89
	Massachusetts	1 July 61	.....do....	9 Oct. 66	22 Aug. 84	22 Sept. 91
	Massachusetts	20 Sept. 61	28 June 65	2 Mar. 68	30 Jan. 87	21 Aug. 93
20	New Jersey	22 Sept. 62	20 Jan. 66	20 Feb. 70	15 Sept. 88	29 Sept. 95
	Pennsylvania	11 Nov. 61	28 Jan. 65	28 May 71	25 Jan. 89	28 Feb. 96
	Pennsylvania	22 Aug. 62	11 May 66	29 June 72	8 Feb. 90	3 Sept. 96

a Honorably discharged 24 May, 1866; reappointed 3 September, 1866.
b Acting Master's Mate 8 January, 1862.
c Enlisted man 2 September, 1861, to 5 August, 1862; Acting Master's Mate 8 September, 1862.
d Acting Master's Mate 12 October, 1861; Ensign 12 March, 1868.
e Acting Master's Mate 19 March, 1863; honorably discharged 8 December, 1866; reappointed 22 January, 1867; Ensign 12 March, 1868.
f Ensign 12 March, 1868.
g Honorably discharged 21 March, 1866; reappointed Acting Master 15 April, 1867; Ensign 12 March, 1868.
h Acting Midshipman 25 September, 1857.
* Out of the service January 3, 1854, to May 13, 1861; retired July 17, 1868; recommissioned lieutenant-commander on the active list September 29, 1862; on May 24, 1897, was commissioned a commander as of date of August 1, 1883, in accordance with an Act of Congress which became a law on February 17, 1897, and placed on the retired list as of the date of June 1, 1895.

PAY DIRECTORS (7).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
	Relative rank of Commodore (2).				*Ys.*	*Ms.*	*Ys.*	*Ms.*
	James H. Watmough	Washington, D. C	30 July 84	B.	13	0	13	5
	Thomas H. Looker	do	23 Nov. 91	B.	c14	7	20	6
	Relative rank of Captain (5).							
	Charles W. Abbot	Warren, R. I	18 Nov. 91	B.	6	9	21	5
	James D. Murray	Annapolis, Md	20 Sept. 91	B.	8	3	19	4
5	Alexander W. Russell *a*	Philadelphia, Pa	4 Feb. 86	B.	8	4	19	1
	Casper Schenck *b*	Annapolis, Md	25 Sept. 97	B.	*d* 9	0	*d*23	10
	Arthur J. Pritchard	Baltimore, Md	12 Feb. 98	B.	18	2	13	5

PAY INSPECTORS (2).

	Relative rank of Commander.							
	Worth. Goldsborough	Cambridge, Md	9 Oct. 96	B.	14	3	18	4
	William W. Woodhull	Naval station, San Juan	15 June 98	B.	13	5	18	7

PAYMASTER (1).

	Relative rank of Lieut. Commander.							
	Henry T. Skelding	Navy-yard, League Island	31 Oct. 96	B.	12	0	14	3

a Captain's clerk 9 December, 1842; sea service, 2 years.
b Three months and eleven days in Volunteer Army.
c Includes service as Midshipman.
d Includes service in Volunteer Navy.

PAY DIRECTORS (7).

	Appointed from—	Entry and promotions on active list.					
		Acting Assistant Paymaster.	Assistant Paymaster.	Purser.	Paymaster.	Pay Inspector.	Pay Director.
	Pennsylvania	.....	.....	*a* 12 Dec. 44	22 June 60	.....	3 Mar. 71
	Ohio	.....	.....	*b* 31 Aug. 53	.....do....	.....	.....do....
	Rhode Island	.....	.....	2 Sept. 56	1 June 61	3 Mar. 71	3 July 71
	Minnesota	.....	.....	3 June 58	.....do....	.....do....	25 Sept. 75
5	District of Columbia	.....	.....	.....	*c* 28 Feb. 61	.....do....	23 Feb. 77
	Illinois	6 July 61	14 Sept. 61	.....	6 Jan. 64	.....do....	6 Dec. 80
	Maryland	.....	7 Oct. 61	.....	9 Nov. 64	24 Dec. 83	10 Apr. 95

PAY INSPECTORS (2).

		Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
	Maryland	30 Sept. 62	2 July 64	.....	4 May 66	24 Nov. 91
	New York	13 May 63	.....	23 July 66	10 Feb. 70	30 Mar. 95

PAYMASTER (1).

	New York	31 Dec. 62	23 July 66	5 Mar. 67	19 Aug. 76	.....

a Acting Midshipman 24 November, 1843; 10 months' sea service.
b Midshipman 6 November, 1846; sea service, 3 years 5 months; shore duty, 2 months; unemployed, 2 years 6 months.
c Eight months in the Army.

CHIEF ENGINEERS (35).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on active list.				
										Third Assistant Engineer.	Second Assistant Engineer.	First Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	Relative rank of Commodore (11).				Ys.	Ms.	Ys.	Ms.						
	Benj. F. Isherwood	New York, N. Y	6 Oct. 84	B.	6	2	30	4	N. Y	23 May 44	21 Jan. 46	10 July 47		31 Oct. 48
	William H. Shock *a*	Washington, D. C	15 June 83	B.	12	0	22	11	Md	18 Jan. 45	10 July 47	31 Oct. 48		11 Mar. 51
	Theodore Zeller	New York, N. Y	1 Dec. 85	B.	14	7	22	8	N. Y	15 June 43	do	6 Nov. 49		27 June 55
	Montgomery Fletcher	Washington, D. C	15 Feb. 92	B.	12	2	22	3	Pa	24 June 50	26 Feb. 51	26 June 56		25 Oct. 59
5	David B. Macomb	West Roxbury, Mass	27 Feb. 89	B.	14	11	22	4	Pa	11 Jan. 49	do	do		21 Sept. 60
	Alexander Henderson	Yonkers, N. Y	12 July 94	B.	15	8	26	7	Va	26 Feb. 51	21 May 53	9 May 57		28 June 61
	Edward D. Robie	Washington, D. C	11 Sept. 93	B.	16	11	21	9	N. Y	16 Feb. 52	27 June 55	21 July 58		30 July 61
	John W. Moore	Brooklyn, N. Y	24 May 94	B.	15	7	22	8	N. Y	21 May 53	do	do		5 Aug. 61
	Thom Williamson	Washington, D. C	5 Aug. 95	B.	15	6	25	1	Va	do	do	do		do
10	William W. Dungan	Baltimore, Md	22 Dec. 97	B.	16	7	20	8	Md	26 June 56		2 Aug. 59		1 Feb. 62
	Jackson McElmell	Prest. Ex. Bd., Philadelphia, Pa	4 June 96	B.	15	5	18	0	Pa	2 Aug. 55	21 July 58	25 Mar. 61		2 Feb. 62
	Relative rank of Captain (17).													
	James W. King	Philadelphia, Pa	26 Aug. 81	B.	8	11	25	6	Md	2 Sept. 44	10 July 47	13 Sept. 49		12 Nov. 52
	Edwin Fithian	Bridgeton, N. J	13 Dec. 82	B.	16	1	16	1	Pa	31 Oct. 48	26 Feb. 51	15 Dec. 53		23 Oct. 59
	Francis C. Dade	Philadelphia, Pa	26 Jan. 89	D.	16	10	12	2	Va	20 Jan. 49	do	21 May 53		24 Oct. 59
15	Charles H. Loring	Inspection duty, Brooklyn, N. Y	26 Dec. 90	B.	12	5	23	7	Mass	26 Feb. 51	21 May 53	9 May 57		25 Mar. 61
	William B. Brooks	Inspection duty, Erie, Pa	1 Mar. 92	D.	19	3	17	3	Va	16 Feb. 52	27 June 55	21 July 58		1 Aug. 61
	George F. Kutz	Inspection duty, Portland, Oregon	26 June 96	D.	16	8	20	10	Pa	26 June 56		2 Aug. 59		10 Nov. 61
	Andrew J. Kiersted	Monitors, League Island	25 Dec. 94	B.	16	7	16	4	Md	do		9 May 57		12 Nov. 61
	James W. Thomson	Camden, N. J	26 June 96	D.	15	5	21	7	N. J	do		2 Aug. 59		2 Feb. 62
20	Benj. B. H. Wharton	Inspection duty	14 Jan. 95	B.	19	4	16	1	Md	21 Nov. 57	2 Aug. 59	16 Oct. 61		10 Nov. 63
	Samuel L. P. Ayers	do	29 July 97	B.	18	0	20	1	Conn	21 July 58	17 Jan. 61	21 Apr. 63		21 Mar. 70
	Elijah Laws	Morristown, N. J	20 Mar. 95	B.	17	9	9	2	Pa	19 Mar. 58	1 Dec. 60	25 July 66		do
	David Smith	Inspection duty	13 Dec. 96	B.	16	8	19	0	Mass	26 Aug. 59	8 July 61	1 Oct. 63		5 Mar. 71
	Fletcher A. Wilson	Boston, Mass	7 Feb. 98	B.	21	5	11	6	N. Y	do	21 Oct. 61	do		do
25	Edward Farmer	Inspection duty	1 Mar. 98	B.	17	10	19	0	Mass	3 May 59	16 Oct. 61	20 May 63		4 Mar. 71
	Robert Potts	Washington, D. C	8 May 97	B.	19	8	14	1	Pa	17 Feb. 60	27 June 62	1 Mar. 64		22 Jan. 73
	Alfred Adamsom	Cambridge, Mass	19 Sept. 98	B.	18	2	12	11	Wis	13 May 61	17 Dec. 62	1 Jan. 65	24 Feb. 74	19 May 79
	John A. Scot	Miami, Fla	28 May 97	B.	20	4	10	0	Pa	3 Oct. 61	3 Aug. 63	11 Oct. 66	do	6 July 85
	Relative rank of Commander (4).													
	Henry B. Nones	Inspection duty, Wilmington, Del	15 May 92	B.	16	10	12	0	Del		*b* 28 May 61	1 July 61		14 Dec. 64
30	Albert W. Morley	Brooklyn, N. Y	27 Mar. 96	B.	15	9	16	4	N. Y	11 July 61	18 Dec. 62	25 July 66	24 Feb. 74	17 Nov. 82
	George W. Stivers	do	12 Oct. 98	B.	15	8	18	3	N. Y	2 Dec. 61	8 Sept. 63	11 Oct. 66	do	18 Dec. 85
	James H. Chasmar	Babylon, N. Y	11 Oct. 98	B.	19	4	13	6	N. Y	7 Apr. 62	2 Feb. 64	1 Jan. 68	do	27 Jan. 89
	Relative rank of Lieutenant-Commander (3).													
	Daniel P. McCartney	Washington, D. C	10 Nov. 92	B.	16	2	12	3	Md	1 July 61	18 Dec. 62	30 Jan. 65	24 Feb. 74	22 Aug. 81
	Benjamin F. Wood	Mount Vernon, N. Y	6 Oct. 92	B.	13	7	15	5	N. Y	do	21 Apr. 63	11 Oct. 66	do	14 Dec. 83
35	George W. Roche	Baltimore, Md	3 July 96	B.	17	11	12	8	Pa	28 Oct. 62	15 Mar. 64	1 Jan. 68	do	25 Aug. 89

CHAPLAINS (5).

	Relative rank of Captain.								Chaplain.				
	William H. Stewart	North Easton, Mass	11 July 93	B.	5	8	11	0	Mass	10 Mar. 63			
	John S. Wallace	Alameda, Cal	29 Jan. 93	B.	3	10	14	1	Ohio	do			
	Donald McLaren	Brooklyn, N. Y	7 Mar. 96	B.	4	9	21	4	N. J	do			
	John K. Lewis	Dayton, Ohio	18 Mar. 97	B.	7	1	8	5	N. Y	29 Nov. 69			
5	Frank B. Rose	Swarthmore, Pa	5 Apr. 98	B.	9	11	12	4	N. J	3 Feb. 70			

PROFESSORS OF MATHEMATICS (4).

	Relative rank of Commodore (1).								Professor.				
	Henry H. Lockwood	Washington, D. C	18 Aug. 76	B.	2	1	27	0	Del	c 4 Nov. 41			
	Relative rank of Captain (2).												
	Simon Newcomb	Washington, D. C	12 Mar. 97	B.	0	0	35	5	Mass	21 Sept. 61			
	Asaph Hall	do	15 Oct. 91	B.	0	8	27	10	Mass	2 May 63			
	Relative rank of Commander (1).												
	Lucien F. Prud'homme	Annapolis, Md	1 Sept. 96	B.	0	0	10	4	Md	d 20 May 81			

NAVAL CONSTRUCTORS (5).

										Assistant-Naval Constructor.	Naval Constructor.			
	Relative rank of Captain (1).													
	Samuel H. Pook	Washington, D. C	17 Jan. 89	B.	0	0	22	1	Mass	17 May 66	15 Apr. 71			
	Relative rank of Commander (4).													
	Frank L. Fernald	Berkeley, Cal	11 Nov. 97	B.	0	0	26	3	Mass	4 May 71	12 Mar. 75			
	William L. Mintonye	Navy-yard, New York	4 Dec. 91	B.	0	0	23	0	N. Y	3 Aug. 69	do			
	Robert W. Steele	do	13 Apr. 93	B.	0	0	21	3	N. Y	24 May 71	13 Mar. 75			
5	John B. Hoover	Supt'g construction of vessels	23 June 98	B.	0	0	23	5	Pa	29 July 75	10 Oct. 88			

a Retired while Chief of Bureau.
b Third Assistant Engineer, 23 September, 1853, 2 years 10 months.
c Colonel First Delaware Regiment from 6 May to 8 August, 1861, 3 months; Brigadier-General from 8 August, 1861, to 24 August, 1865, 4 years and 16 days.
d Two years ten months and twenty-one days in the Army.

CIVIL ENGINEERS (2).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry.	Date of commission.
					Ys.	Ms.	Ys.	Ms.			
	Relative rank of Commander (1).										
	Anecito G. Menocal	Naval station, San Juan	1 Sept. 98	B.	0	0	20	0	New York	15 July 74	15 July 74
	Relative rank of Lieutenant-Commander (1).										
	Calvin Brown	Boston, Mass	15 Oct. 81	B.	0	0	14	0	California	13 May 69	18 Feb. 71

BOATSWAINS (4).

										Previous service as enlisted man.			Date of warrant.
										Ys.	Ms.	Ds.	
	John Burrows	Mexico, N. Y	30 Jan. 80	B.	19	4	7	8	Virginia	3	6	0	4 Dec. 49
	Robert Anderson	Honeybrook, Pa	14 Feb. 96	B.	13	8	16	7	Pennsylvania				16 June 62
	James Nash	North Cambridge, Mass	3 June 95	B.	10	10	14	4	Massachusetts	4	9	12	a 7 May 67
	John C. Thompson	Brooklyn, N. Y	10 Oct. 92	B.	3	2	8	11	New York				28 Aug. 74

GUNNERS (11).

	John C. Ritter	Brooklyn, N. Y	9 Mar. 77	B.	16	11	12	0	New York				13 Sept. 45
	Jonathan M. Ballard	West Sidney, Me	28 Nov. 85	B.	8	8	7	1	do	3	8	15	23 Nov. 47
	Thomas P. Venable	Washington, D. C	25 Aug. 87	B.	11	5	16	0	District of Columbia				b 22 Oct. 55
	John Gaskins	Navy-yard, Norfolk	3 Mar. 95	B.	14	5	19	6	Virginia	3	3	4	20 Apr. 57
5	Robert H. Cross	Philadelphia, Pa	16 Oct. 89	B.	17	1	12	8	District of Columbia				23 Apr. 58
	William W. Carter	Washington, D. C	18 Mar. 95	B.	12	9	20	3	do	6	2	23	21 May 59
	Joseph Smith	Philadelphia, Pa	11 Dec. 90	B.	15	0	12	3	do				9 Oct. 61
	John G. Foster	West Newton, Mass	5 Nov. 96	B.	14	4	14	9	Pennsylvania	6	1	14	25 Nov. 61
	George L. Albro	Philadelphia, Pa	3 Apr. 96	B.	10	1	13	4	District of Columbia				14 June 62
10	James Hayes	Brooklyn, N. Y	24 Mar. 95	B.	12	2	16	9	New York				c 11 Sept. 63
	Andrew Harman	Brooklyn Heights, N. Y	20 Mar. 94	D.	10	1	10	3	do	12	2	10	9 Feb. 70

CARPENTERS (10).

	Nicholas Mager	Philadelphia, Pa	9 Nov. 71	B.	14	2	9	5	Pennsylvania				9 July 47
	Ebenezer Thompson	do	6 Aug. 79	B.	13	8	11	0	Virginia				16 Nov. 49
	William D. Toy	Brooklyn, N. Y	8 May 92	B.	13	8	16	2	Pennsylvania				28 Oct. 58
	Robert A. Williams	Pleyto, Cal	9 Aug. 90	B.	16	2	11	4	Virginia				26 July 59
5	Augustus O. Goodsoe	Kittery, Me	17 Dec. 94	B.	12	9	9	9	Maine				3 June 61
	Joseph E. Cox	do	21 Apr. 92	B.	15	0	8	9	do				9 July 61
	Herbert M. Griffiths	Navy-yard, New York	17 Mar. 98	B.	12	3	22	3	Pennsylvania				25 Sept. 61
	George W. Conover	Philadelphia, Pa	18 July 95	B.	8	2	15	0	do				18 Feb. 70
	Gould Northup	Inspection duty, Boston	10 Oct. 98	B.	9	7	16	0	Massachusetts				16 May 71
10	Henry Williams	Philadelphia, Pa	6 Feb. 96	B.	6	0	9	4	Pennsylvania	7	9	3	1 June 80

SAILMAKERS (8).

	John W. North	Portland, Me	15 Oct. 79	B.	16	6	3	6	Massachusetts				3 July 49
	Daniel C. Brayton	Nantucket, Mass	17 Feb. 91	B.	17	0	10	8	New York				30 Aug. 51
	George C. Boerum	Melrose, Mass	4 Jan. 90	B.	17	10	12	5	do				4 Sept. 52
	Henry W. Frankland	Washington, D. C	1 Oct. 84	B.	6	9	10	3	District of Columbia				27 Feb. 61
5	Nicholas Lynch	Baltimore, Md	12 May 84	B.	14	4	5	10	Maryland				3 June 61
	Gilbert D. Macy	Keyport, N. J	10 Sept. 96	B.	12	10	10	0	New York				29 June 67
	George T. Douglass	Navy-yard, New York	20 Dec. 98	B.	10	1	16	11	do				19 Feb. 70
	Truman B. White	Brooklyn, N. Y	3 Nov. 98	B.	10	5	9	0	do				25 Nov. 70

MATES (6).

	James W. Baxter	Washington, D. C	19 Jan. 95	A.	13	0	17	1	District of Columbia				*e* 19 Feb. 64
	John Griffin	Charlestown, Mass	17 May 96	B.	3	9	29	4	Massachusetts	2	4	16	*f* 15 Mar. 67
	Hugh Kuhl	Norfolk, Va	10 June 97	B.	6	8	29	3	New York				*g* 29 Nov. 69
	William W. Beck	Chelsea, Mass	8 Sept. 94	B.	2	4	20	0	Massachusetts	5	4	22	*h* 24 Jan. 70
5	Philip C. Van Buskirk	Monroe, Wash	4 Mar. 96	B.	14	2	9	10	West Virginia				28 Feb. 70
	William Boyd	Philadelphia, Pa	1 Mar. 98	B.	4	5	26	10	Pennsylvania				20 Apr. 70

a Mate, 3 July, 1862; Acting Gunner, 4 February, 1863, and 6 March, 1865.
b Acting Gunner, 19 March, 1847; sea service, 3 years 11 months; shore, 2 years 2 months; unemployed, 1 year 1 month.
c Acting Gunner, 23 January, 1863.
d Master's Mate, 19 August, 1841, to June, 1842; Sailmaker, 3 June, 1842, to 8 June, 1844.
e Fourteen years 5 months 8 days in Marine Corps.
f Master's Mate, 20 June, 1861, to 14 February, 1862; Mate, 8 May, 1862; Acting Ensign, 31 August, 1863, honorably discharged, 6 November, 1865.
g Mate, 10 December, 1862; Acting Ensign, 21 August, 1863; resigned, 30 May, 1864.
h Mate, 27 May, 1864; Acting Ensign, 3 December, 1864; honorably discharged, 7 October, 1868.

List of officers of the Navy retired in conformity with the following laws, viz:

E.—Retired for incapacity resulting from incident of service: act of August 3, 1861, sec. 23, and act of April 1, 1882.
F.—Transferred from Volunteer Service to retired list: act of February 15, 1879.
G.—Retired for incapacity for further service at sea: act of February 21, 1861.
H.—Retired as not recommended for promotion—physical disability—act of April 24, 1864, sec. 4.
I.—Retired in conformity with act of February 28, 1855, and amendments.
K.—Retired for disability not incident of service: act of August 3, 1861, sec. 23.
L.—Transferred from Volunteer Service and retired: act of March 3, 1871.

CAPTAINS (6).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—
					Ys	*Ms*	*Ys*	*Ms*	
	Francis Lowry	Burlington, Vt	*a*13 Sept. 55	I.	9	9	1	5	Vt
	Francis S. Haggerty	Ticonderoga, N. Y	*b* 5 May 62	E.	17	2	14	3	Pa
	Theodore F. Kane	New York, N. Y	20 June 96	E.	14	4	24	7	N. Y
	John R. Bartlett	Lonsdale, R. I	12 July 97	E.	14	8	16	1	R. I
5	George W. Coffin	On leave abroad	15 Sept. 97	E.	16	10	16	10	Mass
	Wm. Bainbridge Hoff	Washington, D. C	13 Mar. 97	E.	12	7	19	5	Pa

COMMANDERS (10).

	Thomas L. Swann	Utica, N. Y	10 July 77	E.	8	8	8	1	Md
	Smith W. Nichols	Boston, Mass	14 Apr. 82	E.	10	2	10	4	Mass
	Allan D. Brown	Northfield, Vt	24 June 91	E.	12	0	14	10	N. Y
	George T. Davis	Asheville, N. C	23 Oct. 89	E.	14	2	10	6	Mass
5	Joshua Bishop	Washington, D. C	31 Dec. 96	E.	17	5	15	2	Mo
	George R. Durand	Buffalo, N. Y	21 June 94	E.	*14	4	*11	9	R. I
	Francis M. Barber	Attaché, Rome, Vienna, and Berlin	28 Dec. 95	E.	13	11	11	0	Ohio
	Timothy A. Lyons	New York, N. Y	15 May 97	E.	14	9	17	1	Minn
	John J. Brice	Washington, D. C	1 Feb. 95	E.	*17	4	*11	3	Ohio
10	Benjamin S. Richards	do	30 Apr. 98	E.	14	10	17	7	Pa

LIEUTENANT-COMMANDERS (21).

	Antoine R. McNair	Saratoga Springs, N. Y	26 Oct. 72	E.	7	7	4	6	Mo
	Charles E. McKay	East Orange, N. J	25 June 69	E.	6	4	3	4	N. Y
	Francis O. Davenport	Detroit, Mich	19 Oct. 70	E.	7	11	5	6	Mich
	Frederick I. Naile	Norristown, Pa	18 Jan. 71	E.	7	3	2	1	Pa
5	Gouverneur K. Haswell	New York, N. Y	23 Nov. 76	E.	7	2	5	3	N. Y
	George F. Morrison	Washington, D. C	*c* 1 Feb. 60	K.	4	4	1	9	Ohio
	Francis H. Sheppard	St. Andrews Bay, Fla	*d* 27 Apr. 68	H.	3	2	5	11	Mo
	David C. Woodrow	Cincinnati, Ohio	4 June 84	K.	12	1	5	11	Ohio
	Edward M. Stedman	Duty with Omaha Exposition	10 Feb. 75	E.	4	1	5	6	Mass
10	Socrates Hubbard	Prize Commissioner, eastern district, N. Y	18 June 88	E.	13	8	10	0	Mo
	Leonard Chenery	Naval Rendezvous, New York, N. Y	20 Dec. 81	E.	8	9	8	4	Cal
	Edward L. Amory	Boston, Mass	29 June 87	E.	10	10	7	7	At l'ge
	Holman Vail	Recruiting duty	4 Dec. 90	E.	16	0	10	5	Ind
	Isaac Hazlett	Washington, D. C	8 Nov. 86	E.	11	9	7	11	Ohio
15	Frederick A. Miller	Brooklyn, N. Y	30 Nov. 85	E.	*14	3	*6	10	Md
	William H. Webb	Receiving ship Franklin	26 June 93	E.	*15	4	*1	8	Conn
	William P. Randall	Receiving ship Wabash	*e* 15 Feb. 82	E.	*10	10	*6	10	Mass
	Robert M. G. Brown	Washington, D. C	5 Dec. 94	E.	13	3	13	11	W. Va
	Theodorus B. M. Mason	do	8 Dec. 94	E.	12	4	13	8	Fla
20	Benj. H. Buckingham	Cornwall, Pa	5 Oct. 98	E.	14	2	17	1	Ohio
	Arthur P. Osborn†	Wheelersburg, Ohio	8 Dec. 98	E.	18	9	10	9	Ohio

* Includes service in Volunteer Navy.
† One year three months and twenty-three days in Volunteer Army.
a Retired as Lieutenant; promoted to Captain, 12 March, 1867.
b Retired as Commander; promoted to Captain, 12 March, 1867.
c Retired as Master; promoted to Lieutenant-Commander, 12 March, 1867.
d Retired as Master; promoted to Lieutenant, 12 March, 1868; Lieutenant-Commander, 26 March, 1868.
e Retired as Lieutenant; promoted to Lieutenant-Commander, 6 August, 1886.

List of officers of the Navy retired in conformity with the following laws, viz:

E.—Retired for incapacity resulting from incident of service: act of August 3, 1861, sec. 23, and act of April 1, 1882.
F.—Transferred from Volunteer Service to retired list: act of February 15, 1879.
G.—Retired for incapacity for further service at sea: act of February 21, 1861.
H.—Retired as not recommended for promotion—physical disability—act of April 24, 1864, sec. 4.
I.—Retired in conformity with act of February 28, 1855, and amendments.
K.—Retired for disability not incident of service: act of August 3, 1861, sec. 23.
L.—Transferred from Volunteer Service and retired: act of March 3, 1871.

CAPTAINS (6).

	Entry and promotions on the active list.									
	Acting Midshipman.	Midshipman.	Passed Midshipman.	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
	.....	3 Aug. 31	23 June 38	.....	.....	.....	4 July 43	.....	.....	.....
	.....	17 Feb. 32	....do	.....	.....	.....	19 Dec. 43	.....	11 Oct. 61	.....
	27 Sept. 55	9 June 59	.....	.....	.....	.....	31 Aug. 61	22 Sept. 65	28 Dec. 72	19 May 86
	28 Nov. 59	16 July 62	.....	8 Sept. 63	.....	.....	22 Feb. 64	25 July 66	25 Apr. 77	1 July 92
5	20 Sept. 60	....do	.....	1 Oct. 63	.....	10 May 66	25 July 66	12 Mar. 68	30 Nov. 78	27 Sept. 93
	24 Oct. 60	....do	.....	....do	.....	....do	21 Feb. 67	....do	7 Aug. 81	10 May 95

COMMANDERS (10).

	8 Dec. 56	15 June 60	.....	.....	.....	19 Sept. 61	16 July 62	2 May 66	6 Jan. 74	.....
	27 Sept. 58	.....	.....	.....	.....	.....	....do	25 July 66	26 Apr. 76	.....
	26 Sept. 60	16 July 62	.....	28 Apr. 63	.....	10 Nov. 65	10 Nov. 66	12 Mar. 68	22 Jan. 80	.....
	20 Sept. 60	.....	.....	1 Oct. 63	.....	10 May 66	21 Feb. 67	....do	1 Feb. 83	.....
5	a20 Sept. 54	11 June 58	19 Jan. 61	.....	.....	23 Feb. 61	19 Apr. 61	1 Mar. 71	25 Aug. 87	.....
	.....	.....	.....	.....	b14 Apr. 62	12 Mar. 68	18 Dec. 68	25 Nov. 67	26 Mar. 89	.....
	27 Dec. 61	16 July 62	.....	1 Dec. 66	.....	....do	26 Mar. 69	13 Jan. 79	31 Mar. 89	.....
	2 Jan. 62	....do	.....	....do	.....	....do	....do	16 Dec. 79	4 Aug. 89	.....
	.....	.....	.....	12 Mar. 68	c23 Mar. 63	18 Dec. 68	21 Mar. 70	10 Mar. 82	28 May 92	.....
10	.....	22 Oct. 61	.....	....do	.....	26 Mar. 69	21 Mar. 71	25 Aug. 87	21 June 96	.....

LIEUTENANT-COMMANDERS (21).

	Acting Midshipman.	Midshipman.	Passed Midshipman.	Acting Ensign.	Ensign.	Acting Master.	Master.	Lieutenant.	Lieutenant-Commander.
	22 Sept. 56	15 June 60	.....	.....	.....	.....	19 Sept. 61	16 July 62	25 July 66
	29 Sept. 57	1 June 61	.....	.....	.....	.....	.....	....do	....do ....
	26 Sept. 56	.....	.....	.....	.....	.....	.....	....do	....do ....
	27 Oct. 59	16 July 62	.....	.....	24 Feb. 63	.....	.....	22 Feb. 64	....do ....
5	25 Nov. 59	....do	.....	.....	7 Oct. 62	.....	.....	....do	....do ....
	.....	5 Nov. 49	12 June 55	.....	.....	.....	16 Sept. 55	.....	.....
	16 Oct. 61	16 July 62	.....	.....	1 Nov. 66	.....	1 Dec. 66	.....	.....
	21 Sept. 61	....do	.....	.....	....do	.....	....do	12 Mar. 68	26 Mar. 69
	27 Sept. 61	....do	.....	.....	....do	.....	....do	....do	....do ....
10	21 Dec. 61	....do	.....	.....	1 Dec. 66	.....	12 Mar. 68	26 Mar. 69	27 Oct. 79
	12 Dec. 61	....do	.....	.....	....do	.....	....do	....do	1 Nov. 79
	.....	1 Oct. 62	.....	.....	....do	.....	....do	....do	22 Jan. 81
	28 Sept. 61	16 July 62	.....	.....	....do	.....	....do	....do	15 Oct. 81
	27 Sept. 61	....do	.....	.....	....do	.....	....do	....do	21 Dec. 81
15	.....	.....	(d)	24 Apr. 63	12 Mar. 68	17 Jan. 65	18 Dec. 68	21 Mar. 70	15 Apr. 82
	.....	.....	.....	e27 Jan. 64	....do	.....	.....	....do	3 July 82
	.....	.....	.....	.....	....do	24 July 61	18 Dec. 68	f18 Dec. 68	.....
	.....	22 July 64	.....	.....	19 Apr. 69	.....	12 July 70	13 Apr. 72	27 Apr. 93
	.....	20 Sept. 64	.....	.....	....do	.....	....do	20 Nov. 72	23 Jan. 94
20	.....	22 July 65	.....	.....	12 July 70	.....	12 July 71	23 July 74	28 Feb. 96
	.....	31 July 65	.....	.....	....do	.....	....do	22 Oct. 74	11 Oct. 96

a Out of the service 3 years and 1 month, 8 February, 1868.
b Acting Master's Mate, 28 October, 1861; Acting Volunteer Lieutenant, 27 June, 1866.
c Acting Midshipman, 24 September, 1859; resigned 15 March, 1861; Acting Master's Mate, 23 August, 1861; Acting Ensign, 13 September, 1862.
d Mate, 11 September, 1861.
e Acting Master's Mate, 19 June, 1862.
f Acting Volunteer Lieutenant, 28 May, 1862; Acting Volunteer Lieutenant-Commander, 11 March, 1865.

LIEUTENANTS (52).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—
					Ys	Ms	Ys	Ms	
	Arthur H. Fletcher	Receiving ship Franklin	11 Oct. 81	K.	8	5	6	0	Ohio
	Henry R. Baker	Watertown, Mass	2 Dec. 76	E.	a10	2	a1	10	Mass
	William Watts	New York, N. Y	31 Jan. 83	E.	7	10	9	1	N. Y
	John C. Soley	Receiving ship Vermont	24 Feb. 85	K.	10	9	9	3	Mass
5	William McC. Little	Training ship and station, Newport, R. I	16 May 84	E.	12	0	6	3	N. Y
	Charles H. Judd	Washington, D. C	18 Dec. 85	E.	13	5	6	2	N. Y
	Douglas Roben	Big Rapids, Mich	26 Oct. 72	E.	4	6	3	7	Ohio
	Frank Turnbull	Morristown, N. J	10 July 77	E.	6	3	5	1	N.Mex
	Richard M. Lisle	Naval Home, Philadelphia, Pa	24 Jan. 83	E.	10	3	8	4	Pa
10	Henry C. Keene	Chelsea, Mass	20 Mar. 71	L.	a1	11	a8	10	Me
	Jerome E. Morse	Brooklyn, N. Y	22 July 74	K.	6	7	4	0	Mass
	Charles P. Shaw	Alberene P. O., Va	4 June 83	E.	9	6	6	2	Va
	John T. Sullivan	Atlantic City, N. J	12 May 86	E.	9	4	9	9	N. Y
	John W. Hagenman	Reading, Pa	3 May 89	E.	14	4	7	1	Pa
15	Edwin S. Jacob	Bureau of Navigation	7 Jan. 85	E.	12	2	9	10	Va
	William Little	Pittsburg, Pa	26 June 89	E.	14	2	7	2	Pa
	Fred'k W. Greenleaf	Augusta, Ga	30 Apr. 84	E.	13	2	4	8	Minn
	James M. Grimes	Peoria, Ill	22 May 86	E.	13	7	5	3	Ill
	Hobart L. Tremain	Monticello, N. Y	19 May 91	E.	14	3	9	0	S. C
20	Ambrose B. Wyckoff	Fifteenth light-house district	3 July 93	E.	14	0	10	9	Ill
	Nathan H. Barnes	Tucson, Ariz	18 Feb. 91	E.	14	7	8	5	Ill
	Webster Doty	St. Andrews Bay, Fla	28 Feb. 87	E.	12	7	4	5	Wis
	Andrew C. McMechan	Nebraska City, Nebr	29 Oct. 83	E.	10	7	5	5	Nebr
	James Franklin	Bureau of Navigation	9 Mar. 80	E.	8	3	4	3	Md
25	Charles A. Bradbury	Brooklyn, N. Y	4 Sept. 96	E.	16	1	13	5	Vt
	William C. Strong	Washington, D. C	3 July 96	E.	17	6	7	1	S. of off
	Charles A. Clarke	San Diego, Cal	15 Sept. 97	E.	17	9	11	11	Iowa
	Harry M. Jacoby	Germantown, Pa	16 Nov. 83	E.	10	2	4	2	Pa
	Samuel L. Graham	Navy-yard, Mare Island	25 Dec. 93	E.	13	9	11	10	Pa
30	Hanson R. Tyler	Vallejo, Cal	28 Apr. 96	K.	15	2	11	1	Vt
	Francis Winslow	New Berne, N. C	14 Mar. 89	E.	15	3	7	3	S. of off
	Timothy G. C. Salter	New York, N. Y	26 June 93	E.	15	7	8	4	Nav.ap
	Albert J. Dabney	Hydrographic Office	30 June 85	E.	9	2	5	6	Ky
	John Downes	Quincy, Mass	26 Jan. 91	E.	11	0	10	7	At l'ge
35	Horace P. McIntosh	Bureau of Navigation	30 June 92	K.	13	3	10	1	Ind
	Jeremiah C. Burnett	Receiving ship Independence	9 May 96	E.	15	4	10	9	Ind
	Samuel Seabury	Bayonne, N. J	28 Apr. 96	E.	12	3	13	1	Nav.ap
	Charles D. Galloway	Washington, D. C	21 Feb. 94	E.	13	7	12	4	Md
	Frederick H. Lefavor	St. Helena, Cal	12 Apr. 98	E.	17	3	11	10	Ohio
40	Charles A. Foster	Receiving ship Wabash	22 Apr. 95	E.	15	2	11	5	Minn
	Downs L. Wilson	Washington, D. C	4 Nov. 95	E.	13	2	14	8	At l'ge
	Oren E. Lasher	Navy-yard, Mare Island, Cal	9 Mar. 98	E.	19	1	8	5	N. Y
	Milton K. Schwenk	New York, N. Y	14 May 89	E.	13	0	6	4	Colo
	John W. Stewart	Washington, D. C	26 May 98	E.	16	0	9	5	Ind
45	Lucien Flynne	Inspection duty, Morris Heights, N. Y	24 Jan. 98	E.	14	3	10	3	Tex
	David Peacock	Los Angeles, Cal	28 Oct. 97	E.	15	1	10	6	N. J
	Charles M. McCarteney	Hydrographic Office	10 Dec. 91	E.	9	3	11	5	Pa
	Edward D. Bostick	Washington, D. C	8 Oct. 98	E.	14	11	11	1	S. C
	Ridgely Hunt	Morristown, N. J	15 Sept. 97	E.	13	11	11	5	La
50	Nicholas J. L. T. Halpine	Br. Hydrographic Office, Boston, Mass	4 Nov. 95	E.	10	0	12	3	N. Y
	Roswell H. Lamson	Portland, Oregon	15 Apr. 95	E.	5	0	2	7	Oreg
	Charles S Ripley	Springfield, Mass	22 Apr. 98	E.	11	8	8	0	At l'ge

a Includes service in Volunteer Navy.

LIEUTENANTS (52).

	Entry and promotions on the active list.							
	Acting Midshipman.	Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Master.	Lieutenant (junior grade).	Lieutenant.
	21 Nov. 61	.....	16 July 62	.....	1 Dec. 66	12 Mar. 68	.....	22 Mar. 69
	(a)	.....	.....	.....	12 Mar. 68	18 Dec. 68	.....	21 Mar. 70
	10 Apr. 62	.....	16 July 62	.....	....do	26 Mar. 69	.....	....do .....
	.....	.....	20 Sept. 62	.....	....do	....do	.....	....do .....
5	.....	.....	11 Mar. 63	.....	....do	....do	.....	....do .....
	.....	.....	23 Sept. 62	.....	....do	....do	.....	....do .....
	.....	.....	....do	.....	....do	....do	.....	....do .....
	20 Sept. 61	.....	16 July 62	.....	....do	....do	.....	....do .....
	.....	.....	25 Sept. 62	.....	....do	....do	.....	....do .....
10	(b)	.....	.....	.....	.....	.....	.....	.....
	.....	.....	11 Oct. 62	.....	12 Mar. 68	26 Mar. 69	.....	21 Mar. 71
	.....	.....	25 Sept. 63	.....	18 Dec. 68	21 Mar. 70	.....	....do .....
	.....	.....	8 Oct. 62	.....	....do	....do	.....	....do .....
	.....	.....	21 July 63	.....	....do	....do	.....	....do .....
15	.....	.....	14 Oct. 62	.....	....do	....do	.....	....do .....
	.....	.....	29 Sept. 63	.....	....do	....do	.....	....do .....
	.....	.....	29 July 63	.....	....do	....do	.....	31 Oct. 71
	.....	.....	28 July 63	.....	....do	....do	.....	26 Dec. 71
	.....	.....	26 Sept. 64	.....	19 Apr. 69	12 July 70	.....	27 Sept. 72
20	.....	.....	29 Sept. 64	.....	....do	....do	.....	25 Oct. 72
	.....	.....	27 July 63	.....	....do	....do	.....	12 Dec. 72
	.....	.....	27 June 64	.....	....do	....do	.....	27 Mar. 73
	.....	.....	24 Feb. 63	.....	....do	....do	.....	6 Jan. 74
	.....	.....	26 Sept. 65	.....	3 Nov. 70	29 Dec. 71	.....	8 Feb. 75
25	.....	.....	27 July 65	.....	12 July 70	6 Feb. 72	.....	1 May 75
	.....	.....	22 Sept. 64	.....	19 Apr. 69	12 July 70	.....	14 June 74
	.....	.....	21 July 64	.....	12 July 70	22 Mar. 73	.....	11 July 77
	.....	.....	25 July 66	.....	13 July 71	8 Apr. 74	.....	11 July 80
	.....	.....	....do	.....	....do	5 June 74	.....	26 Nov. 80
30	.....	.....	....do	.....	....do	19 Sept. 74	.....	29 Mar. 81
	.....	.....	22 July 65	.....	14 July 72	7 Oct. 74	.....	17 May 81
	.....	.....	24 Sept. 66	.....	13 July 72	8 Nov. 74	.....	30 Aug. 81
	.....	.....	1 Oct. 67	.....	14 July 72	6 Apr. 75	.....	16 Feb. 82
	.....	c22 June 67	6 June 71	.....	15 July 74	30 Apr. 75	.....	11 May 82
35	.....	c28 June 67	....do	.....	14 July 72	27 June 75	.....	22 Oct. 82
	.....	c20 Sept. 67	....do	.....	....do	2 July 75	.....	18 Nov. 82
	.....	c20 June 67	....do	.....	....do	20 July 75	.....	9 Jan. 83
	.....	c22 Sept. 66	....do	.....	....do	9 Dec. 75	3 Mar. 83	25 June 83
	.....	c24 July 66	....do	.....	....do	9 Mar. 76	....do	8 July 83
40	.....	c1 Aug. 66	....do	.....	....do	15 Mar. 76	....do	24 Aug. 83
	(d)	c26 July 66	....do	.....	....do	21 Sept. 76	....do	1 Dec. 84
	.....	c29 Sept. 68	1 June 72	.....	15 July 73	1 July 78	....do	2 Mar. 85
	.....	15 July 70	....do	.....	17 July 75	23 Oct. 78	....do	31 July 85
	.....	29 Sept. 70	1 June 72	.....	....do	12 Mar. 81	....do	1 Mar. 87
45	.....	7 Oct. 70	....do	.....	....do	22 Apr. 81	....do	6 Mar. 87
	.....	28 Sept. 70	15 Oct. 74	.....	....do	1 Oct. 81	....do	25 Aug. 87
	.....	22 Sept. 70	21 Sept. 75	.....	18 July 76	20 June 82	....do	26 Mar. 89
	.....	26 Sept. 70	21 June 75	.....	21 Sept. 76	9 Jan. 83	1 Dec. 83	15 May 89
	.....	21 Sept. 70	....do	.....	25 Nov. 77	.....	....do	7 Jan. 90
50	.....	9 June 71	18 June 79	.....	1 Oct. 81	.....	31 Oct. 88	4 July 93
	.....	.....	20 Sept. 58	.....	.....	.....	.....	e1 Aug. 62
	.....	24 June 75	10 June 81	3 Mar. 83	26 June 84	.....	2 Aug. 91	5 Nov. 65

a Acting Ensign, 11 August, 1862; Acting Master, 6 July, 1864.
b Acting Master, 21 September, 1861; Acting Lieutenant, 17 December, 1862; resigned and reappointed twice in same grade.
c Entered as Midshipman; title changed to Cadet Midshipman, 15 July, 1870.
d Midshipman, 25 September, 1862; resigned, 20 October, 1864.
e Resigned, 6 July, 1866; reappointed, 9 January, 1895.

LIEUTENANTS (JUNIOR GRADE) (9).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.	
					Ys.	Ms.	Ys.	Ms.
	Edward E. Bradbury	Bradford, Mass	a20 Mar. 71	L.	b 4	3	b 4	2
	Louis R. Chester	Navy-yard, League Island	a3 Mar. 73	L.	b 2	7	b 3	7
	Edward J. Berwind	New York, N. Y	a14 May 75	E.	4	3	4	2
	Christopher L. Bruns	do	15 June 84	E.	6	10	4	11
5	Alphonso H. Cobb	Special duty	8 Nov. 83	E.	9	6	5	1
	Julius C. Freeman	Bloomington, Ill	23 Apr. 84	E.	6	2	6	4
	Henry F. Reich	Rockville, Md	5 June 85	E.	6	5	5	10
	Richard H. Townley	Navy-yard, Washington, D. C	29 June 87	E.	5	6	8	5
	Houston Eldredge	Hot Springs, Ark	4 Nov. 95	E.	12	6	5	10

ENSIGNS (14).

	Charles P. Welch	San Francisco, Cal	8 Nov. 72	E.	2	8	3	10
	William H. E. Masser	Br. Hydro. Office, Portland, Oregon	8 May 76	E.	4	0	4	4
	Robert C. Ray	Washington, D. C	25 Oct. 83	E.	5	4	4	9
	William L. Varnum	Erie, Pa	20 Nov. 84	E.	7	8	4	6
5	Frank W. Toppan	Navy-yard, New York, N. Y	29 June 87	E.	5	4	4	4
	Baine C. Dent	Linsley Institute, Wheeling, W. Va	4 June 90	E.	8	1	5	2
	Edward E. Hayden	Naval observatory, Mare Island	30 June 85	E.	2	7	7	10
	Maurice L. Read	Hendersonville, N. C	14 June 90	E.	9	5	4	8
	James B. Cahoon	Elmira, N. Y	22 June 89	E.	6	1	6	5
10	Walter G. Richardson	Bennington, Vt	do	E.	5	8	7	1
	Henry C. Longnecker	Philadelphia, Pa	c5 Nov. 72	K.	2	0	4	7
	Creighton Churchill	St. Louis, Mo	20 June 96	E.	7	1	4	8
	Delworth W. Beswick	Niles, Mich	do	E.	5	5	5	5
	Renwick J. Hartung	Des Moines, Iowa	do	E.	3	7	3	8

MEDICAL DIRECTORS (2).

	Relative rank of Captain.							
	Michael Bradley	Philadelphia, Pa	29 Mar. 95	E.	13	9	13	10
	Adolph A. Hoehling	Washington, D. C	14 June 95	E.	13	5	17	1

MEDICAL INSPECTORS (6).

	Relative rank of Commander.							
	William E. Taylor	San Francisco, Cal	14 Jan. 81	E.	8	2	10	3
	John C. Spear	Norristown, Pa	14 Sept. 88	E.	11	7	11	11
	Archibald C. Rhoades	Colorado Springs, Colo	do	E.	11	7	10	2
	Aaron S. Oberly	Easton, Pa	24 Jan. 89	E.	10	11	13	8
5	Theoron Woolverton	Suspension Bridge, N. Y	13 Nov. 91	E.	14	9	10	6
	William H. Jones	Bethlehem, Pa	21 Jan. 94	E.	b 18	3	b 11	3

a Retired as Master; title changed, 3 March, 1883.
b Includes service in Volunteer Navy.
c Retired as Midshipman; promoted to Ensign, 26 June, 1884.

LIEUTENANTS (JUNIOR GRADE) (9).

	Appointed from—	Entry and promotions on active list.						
		Naval Cadet.	Cadet Midshipman.	Midshipman.	Ensign (junior grade).	Ensign.	Master.	Lieutenant (junior grade).
	Massachusetts		(a)					
	Pennsylvania		(b)					
	Do			21 July 65		12 July 70	24 Mar. 72	
	New York		c 1 July 67	6 June 71			30 Sept. 76	3 Mar. 83
5	Michigan		c 23 Sept. 67	do		14 July 72	9 Oct. 76	do
	Illinois		c 4 Oct. 66	do		do	11 July 77	do
	Pennsylvania		27 Sept. 70	1 June 74		17 July 75	29 Mar. 81	do
	Nebraska		c 20 June 70	21 June 75		8 Aug. 76	2 July 82	do
	At large		9 Oct. 76		1 July 83	26 June 84		23 Jan. 94

ENSIGNS (14).

	Mississippi			29 Sept. 64		19 Apr. 69		
	Pennsylvania		c 1 Oct. 66	6 June 71		14 July 72		
	At large		1 Oct. 72	20 June 76		4 June 78		
	Pennsylvania		5 June 71	do		30 Nov. 78		
5	Massachusetts		22 Sept. 73	18 June 79		22 May 81		
	At large		5 June 73	4 June 80	3 Mar. 83	26 June 84		
	Massachusetts		21 June 75	10 June 81	do	do		
	South Carolina		28 Sept. 74	do	do	do		
	Vermont		10 June 74	do	do	do		
10	Massachusetts		12 June 76	22 June 82	do	do		
	Pennsylvania			30 July 64				
	Missouri	4 Sept. 83				1 July 89		
	Michigan	d 26 Sept. 83				1 July 90		
	Iowa	6 Sept. 87				1 July 93		

MEDICAL DIRECTORS (2).

		Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.	Medical Inspector.	Medical Director.
	Pennsylvania	1 July 61	22 June 64	12 June 65	6 Dec. 79	19 June 88
	Do	14 Aug. 61	24 Apr. 65	2 Oct. 67	31 Jan. 85	11 May 93

MEDICAL INSPECTORS (6).

	Virginia	3 July 59	22 Aug. 62	5 Sept. 62	31 Dec. 76	
	Delaware	9 May 61	26 Oct. 63	23 June 64	6 Oct. 78	
	New Jersey	30 July 61	22 June 64	19 Mar. 65	20 Aug. 79	
	Connecticut	do	do	19 June 66	4 Mar. 84	
5	Pennsylvania	17 July 62	25 Sept. 65	23 Nov. 68	19 June 88	
	Do	e 12 Aug. 63	24 Dec. 66	5 July 73	14 Nov. 91	

a Yeoman, 14 February to August, 1862; Paymaster's Steward, 5 August, 1862, to 11 August, 1863; Paymaster's Clerk, 19 September to 18 November, 1863, and 6 February to 24 May, 1864; Mate, 20 August, 1864.
b Mate, 23 December, 1862; Acting Ensign, 31 August, 1863.
c Entered as Midshipman, 22 September, 1866.
d Resigned, 4 February, 1884; reappointed, 20 May, 1884.
e Acting Assistant Surgeon, 6 April, 1863.

SURGEONS (16).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list.		
										Assistant Surgeon.	Passed Assistant Surgeon.	Surgeon.
	Relative rank of Lieutenant-Commander (6).											
					Ys.	*Ms.*	*Ys.*	*Ms.*				
	Thomas Hiland	Bridgetown, Barbadoes	13 Mar. 83	E.	9	9	8	4	New Hampshire	22 Nov. 61	28 June 65	7 June 69
	Edward D. Payne	Towanda, Pa	13 Apr. 76	E.	6	3	3	7	Pennsylvania	20 Sept. 61	....do....	14 Nov. 71
	Andrew M. Moore	Washington, D. C	14 Aug. 93	E.	11	11	8	7	Tennessee	19 Apr. 69	24 Feb. 74	1 Apr. 81
	John W. Ross	Clarksville, Tenn	11 May 94	E.	10	0	11	10	....do	2 Mar. 70	7 May 75	17 Aug. 81
5	Henry C. Eckstein	Philadelphia, Pa	10 May 93	E.	a15	0	a12	4	Pennsylvania	b24 Dec. 62	17 Nov. 73	14 Mar. 83
	Alexander F. Magruder	Washington, D. C	14 Nov. 96	E.	10	6	11	4	District of Columbia	21 Apr. 71	18 Dec. 74	8 Jan. 85
	Relative rank of Lieutenant (10).											
	Henry Stewart	Canandaigua, N. Y	10 Apr. 84	E.	8	9	2	7	Louisiana	22 July 68	10 Feb. 73	6 Oct. 78
	James H. Gaines	Washington, D. C	18 Mar. 91	E.	8	7	6	4	Maryland	20 Dec. 73	13 June 77	10 July 83
	Howard Smith	Monroe, N. C	10 Nov. 90	E.	8	8	6	10	North Carolina	13 July 71	13 Dec. 75	11 Dec. 83
10	Homer L. Law	Receiving ship Wabash	17 Dec. 86	E.	8	11	3	11	Pennsylvania	9 July 70	19 June 75	22 Aug. 84
	William Martin	San Francisco, Cal	25 Dec. 93	E.	a6	2	a8	3	Louisiana	c14 Apr. 82	.....	1 Oct. 90
	Ernest Norfleet	Roxobel, N. C	31 Oct. 92	E.	9	0	7	6	North Carolina	21 May 74	10 Dec. 78	26 Sept. 91
	Daniel M. Guiteras	Sandy Hill, N. Y	13 Oct. 96	E.	5	5	11	1	Pennsylvania	3 June 79	3 June 82	28 May 95
	Arthur G. Cabell	Richmond, Va	8 Oct. 98	E.	12	7	4	8	Virginia	14 Feb. 76	14 Feb. 80	15 June 95
15	Thomas C. Craig	Mem. Ex. Bd., N. Y	22 Mar. 97	E.	7	3	8	4	Pennsylvania	9 July 81	9 July 84	14 Oct. 96
	John W. Baker	Aurora, Ind	5 Nov. 97	E.	7	3	7	7	Massachusetts	6 July 82	6 July 85	21 Jan. 97

PASSED ASSISTANT SURGEONS (10).

	Relative rank of Lieutenant (6).											
	Frederick Horner, jr	Marshall, Va	8 May 61	G.	3	11	0	9	Virginia	1 May 51	10 Apr. 56	.....
	Francis V. Greene	Philadelphia, Pa	30 June 79	F.	a7	7	a5	2	Pennsylvania	d19 Dec. 62	d14 Aug. 65	.....
	Talleyrand D. Myers	Marine Rendez., Phila.	7 Dec. 82	E.	6	11	4	1	....do	27 Sept. 70	16 Oct. 75	.....
	Charles K. Yancey	Culpeper, Va	21 May 80	E.	4	5	3	0	Virginia	1 May 71	12 June 76	.....
5	Arthur C. Heffenger	Portsmouth, N. H	20 Oct. 90	E.	6	0	8	2	....do	19 Mar. 75	3 June 78	.....
	George C. Lippincott	Salem, N. J	17 Dec. 86	E.	5	2	6	8	New Jersey	28 Sept. 75	17 Dec. 78	.....
	Relative rank of Lieutenant (junior grade) (3).											
	Samuel W. Battle	Asheville, N. C	23 Apr. 84	E.	4	7	6	2	North Carolina	1 Oct. 75	20 May 79	.....
	Horace B. Scott	Wallingford, Conn	31 Oct. 90	E.	3	0	5	5	Connecticut	11 June 83	25 Mar. 87	.....
	John S. Sayre	Monticello, Mo	16 Nov. 96	E.	5	9	4	10	New York	24 June 84	24 June 87	.....
10	Lewis H. Stone	Washington, D. C	10 Feb. 98	E.	4	5	2	5	Connecticut	19 June 90	19 June 94	.....

ASSISTANT SURGEONS (7).

	Relative rank of Lieutenant (junior grade) (4).											
	Samuel D. Flagg	St. Paul, Minn	20 June 64	H.	2	3	0	3	New York	30 July 61		
	Almond O. Leavitt	Concord, N. H	24 June 62	E.	0	4	0	1	New Hampshire	do		
	Wm. M. Nickerson	Denver, Colo	15 Mar. 74	E.	3	0	3	3	Delaware	2 Mar. 67		
	Jeremiah J. Page	Pomona, Cal	30 June 79	F.	a 2	11	a 0	6	Maine	d 14 Feb. 74		
	Relative rank of Ensign (3).											
5	Charles P. Henry	Philadelphia, Pa	20 Dec. 89	E.	1	4	0	11	Pennsylvania	18 May 86		
	James G. Field	Receiving ship Richm'd.	26 June 93	E.	3	4	1	11	Virginia	23 May 87		
	Henry La Motte	Williamsburg, Mass	15 Sept. 97	E.	2	3	2	0	New York	27 Jan. 92		

PAY DIRECTORS (2).

								Appointed from—	Acting Assistant Paymaster.	Assistant Paymaster.	Paymaster.	Pay Inspector.	Pay Director.
Relative rank of Captain.													
William W. Williams	Washington, D. C	9 July 98	E.	9	6	18	5	Ohio	11 July 61	29 Aug. 61	6 Feb. 62	24 Oct. 71	26 Dec. 82
Luther G. Billings	Clifton, N. Y	14 Mar. 98	E.	12	2	16	9	N. Y.	24 Oct. 62	3 Mar. 65	20 Oct. 64	26 Dec. 82	9 Jan. 95

PAY INSPECTORS (2).

								Appointed from—	Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
Relative rank of Commander.													
James Hoy	Washington, D. C	18 Jan. 92	E.	11	5	11	5	N. Y.		11 Oct. 61		18 Oct. 64	28 May 82
Francis H. Swan	Brookline, Mass	15 July 86	E.	a 8	9	a 9	4	Mass	9 Dec. 61	9 Mar. 65	4 May 66	31 Aug. 65	5 Feb. 86

a Includes service in Volunteer Navy.
b Resigned, 31 January, 1866; reappointed Assistant Surgeon, 28 September, 1870.
c Acting Assistant Surgeon, 10 January, 1874; honorably discharged, 30 June, 1879.
d Acting.

PAYMASTERS (11).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
	Relative rank of Lieutenant-Commander.				*Yrs.*	*Mos.*	*Yrs.*	*Mos.*						
	George A. Sawyer	New York, N. Y	29 June 69	E.	3	11	1	1	Vt		24 Aug. 61		17 Sept. 63	
	Charles P. Thompson	Richmond, Va	24 Feb. 92	E.	c 8	11	c 16	11	N. Y	19 Jan. 65	3 Mar. 65		1 Aug. 66	
	Robert B. Rodney	Washington, D. C	8 Sept. 71	K.	c 9	3	c 1	2	Pa	25 Oct. 62		23 July 66	30 June 69	
	John Furey	Brooklyn, N. Y	10 Sept. 95	E.	c 12	10	c 14	3	N. Y	6 Oct. 63		do	24 Oct. 71	
5	Edward N. Whitehouse.	Ragatz, Switzerland	4 Feb. 98	E.	21	5	8	7	Ill	24 Dec. 62	23 July 66	6 Sept. 67	12 Apr. 77	
	John R. Carmody	Washington, D. C	9 Apr. 89	E.	c 7	2	c 12	6	N. Y	2 Aug. 64	do	5 June 68	22 Oct. 78	
	John F. Tarbell	Readville, Mass	18 Feb. 92	E.	c 11	0	c 10	4	Mass	28 Jan. 62	21 Feb. 67	16 Sept. 68	3 Apr. 79	
	Henry C. Machette	Redlands, Cal	13 Aug. 96	E.	c 13	10	c 10	8	Pa	a 16 Apr. 64	do	26 Feb. 69	16 June 81	
	George H. Read	Sheffield, Mass	29 Mar. 98	E.	12	11	14	10	Pa	b 14 Jan. 65	do	12 Mar. 69	31 Aug. 81	
10	Henry T. Stancliff	Washington, D. C	6 Apr. 94	E.	c 10	11	c 11	4	Conn	20 Jan. 65	do	19 May 69	2 Apr. 82	
	Jonathan Q. Barton	do	14 Aug. 93	E.	c 11	0	c 8	11	Me	30 Jan. 64	2 Mar. 67	10 Feb. 70	29 May 82	

PASSED ASSISTANT PAYMASTER (1).

									Appointed from—	Entry and promotions on active list.	
										Acting Assistant Paymaster.	Assistant Paymaster.
	Relative rank of Lieutenant.										
	Francis J. Painter	West Chester, Pa	18 May 69	H.	c 4	7	c 0	5	Pennsylvania	17 Feb. 63	23 July 66

ASSISTANT PAYMASTER (1).

	Relative rank of Lieutenant (junior grade).										
	Nicholas H. Stavey	New Rochelle, N. Y	1 Sept. 76	E.	3	4	2	1	New York		4 Dec. 69

CHIEF ENGINEERS (20).

									Appointed from—	Third Assistant Engineer.	Second Assistant Engineer.	First Assistant Engineer.	Passed Assistant Engineer.	Chief Engineer.
	Relative rank of Commander (8).													
	Henry W. Fitch	Washington, D. C.	29 Sept. 94	E.	14	11	18	9	Mass	3 May 59	3 Oct. 61	20 May 63	.....	4 Mar. 71
	Frederick G. McKean	do	9 Nov. 93	E.	16	0	15	1	Md	21 Feb. 61	21 Apr. 63	1 Dec. 64	24 Feb. 74	25 Nov. 77
	Isaac R. McNary	New York, N. Y.	11 Sept. 94	E.	17	0	13	0	N. Y.	13 May 61	19 Feb. 63	1 Jan. 65	do	14 Dec. 78
	Gilbert M. L. Maccarty	Cambridge, Mass	20 June 96	E.	17	4	13	1	Mass	8 July 61	18 Dec. 62	30 Jan. 65	do	16 Sept. 81
5	John L. D. Borthwick *	Erie, Pa	13 Oct. 96	E.	23	9	8	1	Pa	8 Oct. 61	do	do	do	7 Sept. 85
	Absalom Kirby	Washington, D. C	15 Feb. 98	E.	18	3	12	1	D. C	3 Oct. 61	3 Aug. 63	11 Oct. 66	do	2 Dec. 86
	George E. Tower	do	25 Feb. 97	E.	17	0	13	2	Ohio	17 Jan. 62	1 Oct. 63	1 Jan. 68	do	30 June 87
	Conrad J. Habighurst	Philadelphia, Pa	7 Nov. 98	E.	19	9	12	1	Md	23 June 63	2 Sept. 65	17 Sept. 73	do	2 Mar. 92
	Relative rank of Lieutenant-Commander (10).													
	Henry Mason	Plymouth P. O., Conn	16 Oct. 68	E.	4	3	2	2	Conn	23 Mar. 48	13 Sept. 49	*d* 26 Feb. 51	.....	21 May 63
10	Edward B. Latch	Academy, Pa	22 Nov. 78	E.	11	9	4	3	Pa	20 Sept. 58	8 Oct. 61	17 Mar. 63	.....	21 Mar. 70
	George W. Sensner	Navy-Yard, Norfolk	25 Jan. 86	E.	11	4	5	3	Md	22 Oct. 60	1 Nov. 61	24 Aug. 64	24 Feb. 74	17 June 74
	George W. Magee	Brooklyn, N. Y	26 June 93	E.	14	4	14	5	N. Y.	4 Apr. 61	16 Jan. 63	1 Dec. 64	do	11 June 76
	Burdett C. Gowing	do	28 Jan. 95	E.	17	2	7	10	N. Y.	21 Sept. 61	30 July 63	11 Oct. 66	do	15 Feb. 86
	David P. Jones	Inspection duty	21 June 92	E.	12	11	13	6	Pa	25 Mar. 62	1 Nov. 63	do	do	9 Jan. 89
15	Edward A. Magee	Brooklyn, N. Y	4 Nov. 95	E.	19	2	11	8	N. Y.	27 June 62	21 Nov. 63	1 Jan. 68	do	28 Feb, 89
	Jefferson Brown	New York, N. Y	2 Aug. 92	E.	14	6	7	9	N. Y.	17 Dec. 62	8 Apr. 64	do	do	19 Nov. 90
	Herschel Main	Washington, D. C	10 Sept. 95	E.	14	8	12	1	D. C.	*e* 2 June 68	2 June 69	.....	20 Nov. 74	11 Nov. 92
	Robert R. Leitch	Brooklyn, N. Y	19 Feb. 96	E.	10	3	8	7	Md	*f* 1 Oct. 71	23 Jan. 74	24 Feb. 74	15 Jan. 79	3 pt. 94
	Relative rank of Lieutenant (2).													
	Robert W. Galt	Williamsburg, Va	19 Nov. 98	E.	14	0	10	7	Va	.....	12 Oct. 71	*g* 24 Feb. 74	24 Feb. 79	26 Dec. 94
	William B. Dunning	San Francisco, Cal	29 Oct. 98	E.	13	8	9	6	N. Y.	*f* 1 Oct. 73	*g* 1 July 78	.....	2 Dec. 87	29 July 97

* Three months and 8 days in Volunteer Army.
a Paymaster's Clerk, 1 October. 1863; sea service 6 months.
b Captain's Clerk. 14 October, 1861; sea service 8 months.
c Includes service in Volunteer Navy.
d Resigned, 14 November, 1853; sea service, 3 years 7 months and 16 days; shore duty, 1 year 5 months and 26 days; reappointed First Assistant Engineer, 31 May, 1861.
e Acting Third Assistant Engineer, 10 October, 1866; Assistant Engineer, 24 February, 1874.
f Cadet Engineer.
g Assistant Engineer.

PASSED ASSISTANT ENGINEERS (36).

	Name and relative rank.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on active list.					
										Cadet Engineer. (*)	Third Assistant Engineer.	Second Assistant Engineer.	Assistant Engineer.	First Assistant Engineer.	Passed Assistant Engineer.
	Relative rank of Lieutenant (27).				Ys.	Ms.	Ys.	Ms.							
	Robert H. Gunnell	Washington, D. C	a 3 July 73	E.	8	6	1	6	D. C		17 Feb. 60	27 June 62		1 Mar. 64	
	Alexander V. Fraser	Brooklyn, N. Y	24 Mar. 74	E.	6	1	3	10	N. Y			21 Sept. 61		15 Oct. 63	24 Feb. 74
	Caleb E. Lee	Evansville, Wis	2 Dec. 76	E.	8	3	2	8	N. Y		4 Apr. 61	16 Jan. 63		1 Jan. 65	do
	John D. Toppin	Newark, N. J	b 11 May 67	E.	3	10	1	0	N. Y		1 July 61	18 Dec. 62			
5	Rezeau B. Plotts	Worthington, Minn	b 16 Jan. 66	E.	3	9	4	5	Pa		do	do			
	Charles H. Greenleaf	Chelmsford, Mass	18 July 85	E.	15	3	5	5	N. Y		3 Oct. 61	3 Aug. 63		11 Oct. 66	24 Feb. 74
	Benjamin Kavanaugh	Washington, D. C	c 3 Apr. 66	K.	2	7	0	0	D. C		3 May 59				
	Rudolph T. Bennett	Baltimore, Md	21 May 80	E.	12	9	1	3	Md		25 Mar. 62	2 Feb. 64		1 Jan. 68	24 Feb. 74
	Edwin T. Phillippi	Denver, Colo	21 June 84	E.	10	6	7	4	Pa		20 May 62	15 Feb. 64		do	do
10	John J. Bissett	Paterson, N. J	21 Oct. 82	E.	11	2	1	6	N. J		30 July 62	do		do	do
	Henry C. Blye	New York, N. Y	28 Oct. 74	E.	6	2	1	5	Pa		17 Nov. 62	23 Mar. 64		do	do
	James J. Barry	N'y-Y'd, New York	2 Jan. 91	E.	13	2	12	10	Md		8 Dec. 62	8 Apr. 64		do	do
	John Pemberton	Inspection duty	14 Sept. 91	E.	12	2	13	3	N. Y		do	do		do	do
	Levi T. Safford	Tr. s'p & sta., Newport	11 Oct. 81	K.	10	8	4	5	N. Y		do	do		6 June 68	do
15	James W. Holihan	R'g s'p, Independence	31 Oct. 79	E.	7	4	6	5	N. Y		do	do		do	do
	Jonathan M. Emanuel	N'y-Y'd, League I'd	8 Apr. 91	E.	15	3	6	5	Pa		25 Aug. 62	20 Feb. 64		6 June 69	do
	John C. Kafer	New York, N. Y	18 June 88	E.	10	11	11	3	N. J		16 Jan. 63	28 May 64		26 Oct. 72	do
	Charles H. Manning	Manchester, N. H	14 June 84	E.	9	1	9	2	Md		19 Feb. 63	25 July 66		do	do
	William A. H. Allen	Swarthmore, Pa	14 June 90	E.	12	11	10	6	Pa		21 Apr. 63	28 Sept. 64		22 Nov. 72	do
20	David M. Fulmer	Navy-Yard, Norfolk	26 Apr. 84	E.	10	11	5	1	Pa		do	do		8 Dec. 72	do
	William L. Bailie	Philadelphia, Pa	30 June 85	E.	14	3	4	7	Md		16 Jan. 63	28 May 64		31 Jan. 74	do
	George S. Gates	Welaka, Fla	7 June 84	E.	9	0	4	5	Mass		10 Oct. 66	2 June 69	24 Feb. 74		29 Oct. 74
	John A. Tobin	East Providence, R.I.	20 Oct. 90	E.	10	8	7	4	Mass			4 Oct. 70			2 Oct. 77
	John T. Smith	Navy-Yard, Norfolk	24 Feb. 75	E.	e 9	0	0	8	D. C		f 12 Mar. 63	g 24 Mar. 65			
25	Robert D. Taylor	Rec'ng ship Richmond	23 Apr. 92	E.	15	10	8	3	Md		21 Apr. 63	25 July 66		31 Jan. 73	24 Feb. 74
	Robert Crawford	Williamson School, Pa	30 June 92	E.	13	3	9	11	Pa		23 June 63	do		20 Feb. 74	do
	Charles F. Nagle	Brooklyn, N. Y	26 July 92	E.	16	3	3	9	N. Y		3 Aug. 63	do	24 Feb. 74		5 Apr. 74
	Relative rank of Lieutenant (junior grade) (9).														
	Carlton A. Uber	Virginia Beach, Va	d 27 Mar. 67	E.	1	7	6	11	Md		17 Mar. 63				
	John W. Saville	Baltimore, Md	h 1 Feb. 71	E.	6	0	0	6	Md		28 Oct. 62	15 Mar. 64			
30	Lucius W. Wooster	Recruiting duty	29 June 87	E.	8	7	2	11	N. J	1 Oct. 71		23 Jan. 74	24 Feb. 74		1 Nov. 79
	Horace E. Frick	Philadelphia, Pa	18 June 90	E.	8	10	2	6	Pa				11 Mar. 74		3 Mar. 82
	William R. King	Hagerstown, Md	18 Mar. 91	E.	9	2	5	1	Md	1 Oct. 72			1 July 77		17 Mar. 87
	Joseph R. Wilmer	Annapolis, Md	4 Apr. 92	E.	8	11	6	9	Md	1 Oct. 74			20 June 80		10 Jan. 91
	Willis B. Day	Walters Park, Va	2 May 98	E.	8	0	9	0	Ohio	13 Sept. 77			1 July 84		29 Jan. 95
35	Andrew McAllister	Brooklyn, N. Y	14 Nov. 96	E.	7	10	8	6	N. Y	do			do		9 May 95
	Walter S. Burke	Cambridge, Mass	30 Apr. 97	E.	5	11	5	8	Ill	17 May 83			i 12 Dec. 92		5 June 96

* Title changed to Naval Cadet, 5 August, 1882. *a* Retired as First Assistant Engineer; title changed to Passed Assistant Engineer, 24 February, 1874. *b* Retired as Second Assistant Engineer; promoted, 24 July, 1867. *c* Retired as Third Assistant Engineer; promoted to First Assistant, 24 July, 1867; title changed to Passed Assistant, 24 February, 1874. *d* Retired as Third Assistant Engineer; promoted to Second Assistant, 24 July, 1867; First Assistant, 28 March, 1872; 5 months and 1 day in the Army. *e* Includes service in Volunteer Navy. *f* Acting. *g* Acting: Second Assistant, 17 June, 1870. *h* Retired as Second Assistant Engineer; promoted to Assistant Engineer, 24 February, 1874; Passed Assistant, 19 June, 1884. *i* Ensign 1 July, 1889, to 12 December, 1892.

ASSISTANT ENGINEERS (31).

	Name and relative rank.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on active list.			
										Cadet Engineer.	Third Assistant Engineer.	Second Assistant Engineer.	Assistant Engineer.
	Relative rank of Lieutenant (junior grade) (25).				Ys.	Ms.	Ys.	Ms.					
	Henry D. Sellman	Baltimore, Md	a17 Nov. 71	E.	7	5	0	9	Md		19 July 61	18 Dec. 62	
	Frederick G. Coggin	Lake Linden, Mich	a5 Jan. 66	E.	3	1	1	1	N. H.		21 Sept. 61	30 July 63	
	Alexander H. Price	Baltimore, Md	a26 Oct. 72	E.	5	8	2	0	Md		8 Oct. 61	3 Aug. 63	
	Howard D. Potts	Harrisburg, Pa	26 Oct. 74	K.	9	1	0	3	Pa		16 Nov. 61	25 Aug. 63	24 Feb. 74
5	Joseph S. Greene	Watertown, N. Y	a24 May 67	E.	3	8	0	3	N. Y.		28 Feb. 62	15 Oct. 63	
	Daniel A. Sawyer	Carlisle, Pa	a22 Jan. 66	E.	2	6	0	0	Pa		6 Oct. 62	15 Mar. 64	
	George W. Beard	Baltimore, Md	b1 Feb. 66	E.	1	7	0	2	Md		25 Mar. 62		
	James W. Patterson	Philadelphia, Pa	a21 Oct. 69	E.	5	7	0	10	Pa		21 Apr. 63	28 Sept. 64	
	John J. Ryan	Chicago, Ill	a28 Oct. 74	E.	7	7	1	11	Pa		20 May 63	25 July 66	24 Feb. 74
10	Julius A. Kaiser	Philadelphia, Pa	8 July 73	E.	5	11	2	11	D. C		8 Sept. 63	do	
	James G. Littig	Baltimore, Md	14 July 74	E.	6	5	2	3	Md		3 Aug. 63	do	24 Feb. 74
	Francis C. Burchard	Philadelphia, Pa	24 Apr. 77	E.	6	10	1	7	Pa		8 Sept. 63	1 Aug. 66	do
	William G. McEwan	do	24 May 75	E.	0	0	10	2	Pa		g8 Mar. 65	1 Jan. 68	do
	William H. Platt†	Flushing, N. Y	3 Nov. 77	E.	*9	5	*0	3	N. Y.		c24 Mar. 65	7 June 70	do
15	Jabez Burchard	Philadelphia, Pa	26 Oct. 74	K.	*5	8	*1	3	Pa		c14 Mar. 65	1 Sept. 70	do
	Henry E. Rhoades	New York, N. Y	30 Dec. 74	K.	*5	1	*0	2	N. Y.			e25 Feb. 71	do
	George C. Drinen	Brooklyn, N. Y	19 Oct. 75	E.	0	7	0	0	N. Y.			1 Mar. 71	do
	Edward F. McElmell	Philadelphia, Pa	1 Nov. 78	E.	5	9	0	1	Pa			7 Nov. 71	do
	Michael H. Plunkett	Baltimore, Md	22 June 74	E.	4	10	1	5	Md		21 July 58	d21 Sept. 61	do
20	Chas. W. Livermore	Union Iron Works	16 Nov. 82	E.	4	10	1	4	N. H.				26 Feb. 75
	Henry C. Baughman	Philadelphia, Pa	15 July 86	E.	6	4	2	0	Pa				13 Oct. 75
	John A. Henderson	Bureau Steam Engineering	20 Nov. 84	K.	1	11	1	6	Pa				3 July 76
	Wilmer O. Chrisman	Navy-yard, New York	29 June 87	E.	5	11	1	2	Pa				18 May 77
	John D. Sloane	St. Paul, Minn	30 June 85	E.	5	8	1	2	N. H.				7 June 77
25	Joseph L. Wood	Ivy Depot, Va	11 Nov. 93	E.	8	7	7	10	Va.	14 Sept. 76			1 June 82
	Relative rank of Ensign (6).												
	Benjamin H. Warren	Pittsburg, Pa	11 June 78	K.	1	9	2	7	Mass.	1 Oct. 71			26 Feb. 75
	William Stuart Smith	Inspection duty	31 Oct. 90	E.	4	6	5	8	N. Y.	13 Sept. 77			1 July 83
	Robert Stewart, jr	Brooklyn, N. Y	17 June 90	E.	3	9	4	0	Mich	do			do
	William H. P. Creighton	New Orleans, La	26 July 92	E.	6	2	7	7	Ohio	1 Oct. 78			1 July 84
30	Robert E. Carney	Navy-yard, Mare Island	31 Dec. 96	E.	5	6	6	3	Wis	f21 May 85			1 July 91
	George H. Shepard	Ithaca, N. Y	8 Jan. 98	E.	5	1	4	11	Wis	f27 Sept. 87			1 July 93

* Includes service in Volunteer Navy.
† Three months and five days in Volunteer Army.
a Retired as Second Assistant Engineer; promoted, 24 February, 1874.
b Retired as Third Assistant; promoted to Second Assistant, 24 July, 1867; Assistant, 24 February, 1874.
c Acting.
d Resigned, 9 May, 1865.
e Acting Third Assistant Engineer, 11 February to 3 October, 1865, and 19 December, 1866, to 23 April, 1869.
f Naval Cadet.
g Acting Third Assistant Engineer, 24 December, 1863.

CHAPLAINS (2).

Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service. Yrs.	Sea service. Mos.	Shore or other duty. Yrs.	Shore or other duty. Mos.	Appointed from—	Chaplain.
Relative rank of Captain.									
James J. Kane	New York, N. Y	30 Oct. 96	E.	3	5	8	7	New York	*a* 6 June 68
George A. Crawford	Boston, Mass	2 Mar. 89	E.	6	8	4	4	Maine	10 May 70

PROFESSOR OF MATHEMATICS (1).

Relative rank of Commander.									Professor.
John M. Rice	Northboro, Mass	20 Oct. 90	E.	0	0	17	7	Maryland	26 Mar. 73

NAVAL CONSTRUCTOR (1).

									Assistant Naval Constructor.	Naval Constructor.
Relative rank of Captain.										
Thomas E. Webb	Port Washington, N. Y	18 June 88	E.	0	0	22	7	New York	27 Feb. 65	17 June 68

CIVIL ENGINEER (1).

Relative rank of Lieutenant-Commander.									Civil Engineer.	
Thomas C. McCollom	Philadelphia, Pa	1 June, 97	E.	0	0	12	6	Pennsylvania	26 Oct. 81	.....

BOATSWAINS (12).

									Previous service as enlisted man. Ys.	Ms.	Ds.	Date of warrant.
John A. Brisco	Tunis, Md	18 June 88	E.	14	9	9	9	Massachusetts	....	....	....	24 Mar. 58
William Long	Marblehead, Mass	29 Oct. 83	E.	9	11	6	1	New York	....	....	....	8 May 61
William Jones	South Boston, Mass	10 Dec. 83	E.	3	10	2	8	Massachusetts	12	9	23	31 July 66
Thomas Savage	Recruiting duty	8 Nov. 86	E.	9	5	4	10	California	....	....	....	12 Oct. 71
5 Peter Johnson	Receiving ship Franklin	30 June 85	E.	8	10	4	2	Virginia	....	....	....	23 Nov. 71
Alexander Mack	New London, Conn	20 Dec. 89	E.	2	11	11	6	Massachusetts	....	....	....	5 June 72
Edwin Crissey	Fairburn, Ga	29 Dec. 94	E.	5	2	10	0	Florida	....	....	....	4 Jan. 73
John H. Brown	Baltimore, Md	14 June 95	E.	5	1	8	7	Maryland	3	9	3	*b* 25 May 77

	Xavier Perrimond	Washington, D.C	1 Nov. 95	E.	7	1	11	0	Dist. Columbia	3	11	1	18 Apr. 79
10	Woodward Carter	Philadelphia, Pa	15 Feb. 97	E.	6	11	7	7	Pennsylvania	16	9	4	c18 Apr. 79
	William H. Frary	San Diego, Cal	10 Dec. 88	E.	3	0	2	10	Virginia				do
	Patrick H. Burns	Navy-yard, New York	6 June 98	E.	3	0	0	9	New York	11	1	21	20 Oct. 94

GUNNERS (19).

					Sea service.		Shore or other duty.		Appointed from—				
					Ys.	Ms.	Ys.	Ms.					
	William Burditt	Cambridge, Mass	7 June 82	E.	8	4	23	1	District of Columbia				d12 Oct. 69
	Richard J. Hill	Jersey City, N.J	19 Feb. 83	E.	8	8	7	0	do				28 Apr. 60
	William Cheney	Brooklyn, N. Y	15 Feb. 82	E.	8	6	4	10	do				11 Oct. 60
	David A. Roe	Washington, D. C	15 Mar. 82	E.	9	1	9	2	do				9 July 61
5	William J. Ferguson	Philadelphia, Pa	16 Nov. 83	E.	6	11	3	10	do				3 Aug. 61
	Elisha J. Beacham	Catonsville, Md	26 Jan. 93	E.	11	11	14	4	do	7	5	13	7 Sept. 61
	T. Bascom Watkins	Roslindale, Mass	20 May 89	E.	11	3	13	11	Maryland				5 Oct. 61
	George P. Cushman	Duxbury, Mass	22 July 91	E.	14	3	13	4	District of Columbia				18 Dec. 61
	William T. Devlan	Nantucket, Mass	10 Dec. 83	E.	*9	6	*3	1	Pennsylvania	6	5	10	e30 July 70
10	William A. Ferrier	Somerville, Mass	10 Feb. 92	E.	8	1	6	10	California				8 July 72
	William E. Webber	Portsmouth, Va	29 June 87	E.	6	2	4	6	Virginia	1	8	9	27 Aug. 72
	Samuel Cross	Washington, D. C	11 June 98	E.	8	11	15	11	District of Columbia				27 Aug. 72
	Cornelius Cronin	New York, N. Y	16 Aug. 98	E.	11	2	12	2	Michigan	8	5	0	f20 Nov. 73
	Carrington A. Young	Washington, D. C	10 Dec. 83	E.	*16	4	*1	4	District of Columbia				g9 Apr. 75
15	John Russell	do	9 Aug. 95	E.	8	10	6	9	do	5	10	27	h14 Aug. 75
	John Westfall	Allston, Mass	26 July 92	E.	2	6	3	3	New York				8 June 86
	Horace R. Yewell	Albuquerque, N. Mex	21 Feb. 94	E.	1	11	1	11	Maryland	8	10	9	23 Aug. 86
	Henry J. Tresselt	San Francisco, Cal	14 June 95	E.	1	0	2	1	New York				31 Jan. 89
	Peter Hanley	North Elizabeth, N. J	26 Oct. 98	E.	5	7	2	11	New York				21 Oct. 89

CARPENTERS (13).

	John W. Stimson	Kittery, Me	26 Jan. 76	E.	9	2	0	0	Maine				15 Apr. 52
	George E. Anderson	Hyde Park, Mass	30 Nov. 85	E.	11	11	3	11	Massachusetts				14 June 61
	Leonard Hanscom	Kittery, Me	8 May 93	E.	9	4	14	5	Maine				14 May 66
	Henry R. Philbrick	Dorchester, Mass	11 Oct. 89	E.	6	10	7	6	do				i12 Nov. 69
5	John L. Davis	Philadelphia, Pa	19 May 91	E.	9	7	5	5	Pennsylvania	3	2	5	20 Nov. 69
	Thomas McGlone	Brooklyn, N. Y	6 Apr. 94	E.	11	9	10	11	New York				j18 May 70
	Nathan H. Junkins	Kittery, Me	13 Nov. 96	E.	10	10	10	2	Massachusetts				20 Feb. 72
	Benjamin E. Fernald	Everett, Mass	7 Nov. 94	E.	8	6	12	5	do				do
	George W. Davis	Navy-yard, New York	15 Sept. 97	E.	9	4	14	7	Pennsylvania				30 Oct. 72
10	Arthur W. Massey	New Rochelle, N. Y	20 June 96	E.	6	0	4	4	New York				19 Aug. 74
	Solon H. Maloon	Somerville, Mass	27 Aug. 94	E.	8	2	9	9	Massachusetts				16 Nov. 75
	William L. Maples	Washington, D. C	6 Dec. 95	E.	5	5	8	10	District of Columbia				18 Dec. 80
	Kaen M. A. Mahony	Chester, Pa	2 Mar. 98	E.	3	10	11	5	Massachusetts				8 Jan. 81

* Includes service in Volunteer Navy. *a* Mate, 8 August, 1861; Acting Ensign, 28 October, 1862; sea service, 3 years 11 months; shore duty, 1 month. *b* Mate, 24 February, 1865. *c* Mate, 12 September, 1862; Acting Ensign, 25 January, 1864; sea service, 2 years 9 months: shore duty, 2 years 11 months. *d* Acting Boatswain, 7 January, 1850; Acting Gunner, 21 November, 1853; Resigned, 26 July, 1864; Acting Master, 27 July, 1864; Honorably discharged 21 December, 1866; Boatswain, 21 December, 1866. *e* Acting Gunner, 19 March, 1863. *f* Mate, 9 July, 1866; sea service, 7 years 4 months. *g* Mate, 14 September, 1866. *h* Acting Gunner, 13 September, 1862; 5 years 8 months. *i* Carpenter, 8 July, 1861; 4 years 8 months. *j* Acting Carpenter, 12 May, 1866; 11 months' sea service.

SAILMAKERS (6).

	Name.	Present residence or duty.	Retired.	Law governing retirement.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotion on active list.			
										Previous service as enlisted man.			Date of warrant.
					Ys.	Ms.	Ys.	Ms.					
	William M. Howells	Boston, Mass	20 Nov. 83	E.	10	8	0	0	New Hampshire				13 June 61
	Alexander W. Stephens	Pikesville, Md	10 Dec. 83	K.	4	4	0	1	Maryland				15 Aug. 73
	William Redstone	San Francisco, Cal	13 Oct. 96	E.	6	8	11	4	California				17 Jan. 76
	Herman Hansen	Recruiting duty, Chicago, Ill	24 Jan. 89	E.	3	8	3	3	Illinois				do
5	Charles E. Tallman	Receiving-ship Wabash	29 Oct. 98	E.	7	2	9	11	Maine	2	6	24	9 Jan. 77
	George P. Barnes	Portsmouth, Va	11 Feb. 93	E.	4	4	8	5	Virginia				20 Feb. 78

MATES (7).

	Thomas W. Bonsall	Glen Olden, Pa	20 June 96	E.	9	8	20	3	Pennsylvania				a 6 Nov. 60
	Robert Robinson	Newport, R. I	15 Apr. 97	E.	4	1	30	1	Louisiana				23 Dec. 62
	Frank Holler	Palmyra, N. J	27 Dec. 94	E.	0	0	27	5	New York				17 Apr. 66
	William G. Smith	Annapolis, Md	25 May 97	E.	2	8	30	5	do	6	8	29	b 5 Oct. 66
5	Samuel Gee	Anacostia, D. C	10 Sept. 95	E.	3	4	21	1	District of Columbia				12 Nov. 69
	Silas T. C. Smith	Providence, R. I	28 Dec. 94	E.	2	9	18	8	Pennsylvania	4	3	12	28 Dec. 69
	James Hill	Port Norfolk, Va	16 Sept. 97	E.	1	7	25	10	do	4	6	26	19 Mar. 70

Retired under the first section of the act of April 21, 1864, as not recommended for promotion.

CAPTAIN (1).

Name.	Present residence or duty.	Retirement and subsequent promotions.		Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list.						
		Captain.							Midshipman.	Passed Midshipman.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.	Captain.
				Ys	Ms	Ys	Ms								
Thomas G. Corbin	Philadelphia, Pa	5 Jan. 74		21	3	7	3	Ala	15 May 38	20 May 44	15 July 51	10 June 52		16 July 62	25 July 66

COMMANDERS (2).

		Lieutenant-Commander.	Commander.												
Greenleaf Cilley	Buenos Ayres, South America	18 Mar. 65	12 Mar. 67	18	2	0	7	Me	26 Feb. 41	10 Aug. 47	14 Sept. 55	15 Sept. 55	16 July 62		
Frederick R. Smith	Binghamton, N. Y		18 June 92	10	4	5	4	Me	(c)			1 Aug. 62	25 July 66	6 Apr. 75	

LIEUTENANT (1).

Name.	Present residence or duty.	Retirement and subsequent promotions.		Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list.				
		Lieutenant (junior grade).	Lieutenant.	Ys	Ms	Ys	Ms		Acting Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant.
George M. McClure	Poland, Ohio		9 Nov. 68	5	4	3	7	Pa	29 Sept. 59	16 July 62	1 Oct. 63	10 May 66	21 Feb. 67

LIEUTENANT (JUNIOR GRADE) (1).

Frederick E. Upton	Washington, D. C	*d* 21 Nov. 77		2	9	0	6	Me	10 Nov. 64		19 Apr. 69	*e* 12 July 70	

PAY INSPECTOR (1).

Relative rank of Commander.		Pay Inspector.							Acting Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.	Pay Inspector.
John H. Stevenson	Brooklyn, N. Y	25 Sept. 93		*10	3	*14	6	N. Y.	19 Sept. 62	23 July 66	13 June 63	18 Jan. 81

PASSED ASSISTANT ENGINEER (1).

Relative rank of Lieutenant.		Passed Assistant Engineer.							Third Assistant Engineer.	First Assistant Engineer.	Second Assistant Engineer.
Benjamin C. Bampton	Brooklyn, N. Y	*f* 6 Sept. 73		10	8	2	8	N. Y.	20 May 57	17 Dec. 62	2 Aug. 59

* Includes service in Volunteer Navy.
a Mate, 27 April, 1865; honorably discharged, 24 December, 1868.
b Mate, 5 May, 1863; honorably discharged, 21 December, 1865.
c Acting Midshipman, 24 September, 1858.
d Master; title changed to Lieutenant (junior grade). 3 March, 1883.
e Resigned, 15 October, 1870; reappointed Master, 3 December, 1872.
f First Assistant Engineer; title changed to Passed Assistant Engineer, 24 February, 1874.

Retired for incompetency or disability proceeding from other causes not incident to the service, in conformity with the twenty-third section of the act of August 3, 1861.

COMMANDER (1).

Name.	Present residence or duty.	Retirement and subsequent promotions. Lieutenant-Commander.	Retirement and subsequent promotions. Commander.	Sea service. Ys	Sea service. Ms	Shore or other duty. Ys	Shore or other duty. Ms	Appointed from—	Cadet Midshipman.	Acting Midshipman.	Midshipman.	Ensign.	Master.	Lieutenant.	Lieutenant-Commander.	Commander.
Augustus G. Kellogg	Washington, D. C	.....	15 Dec. 91	14	6	13	1	Ill	.....	21 Sept. 60	.....	28 Aug. 63	10 Nov. 65	22 Feb. 64	25 July 66	11 July 80

LIEUTENANT-COMMANDER (1).

Charles W. Tracy	Navy-Yard, Boston	22 Oct. 78	.....	10	11	5	1	Pa	.....	27 Oct. 59	16 July 62	10 Dec. 62	.....	22 Feb. 64	16 July 66	.....

ENSIGN (1).

		Ensign.														
George E. Hutter	Lynchburg, Va	3 Feb. 82	.....	5	7	3	7	Va	21 June 70	.....	1 June 74	17 July 75	.....	.....	.....	.....

ASSISTANT PAYMASTER (1).

Name and relative rank.	Present residence.	Retirement. Assistant Paymaster.	Sea service.		Shore or other duty.		Appointed from—	Entry and promotions on the active list. Acting Assistant Paymaster.	Assistant Paymaster.	Passed Assistant Paymaster.	Paymaster.
Relative rank of Lieutenant (junior grade).			*Ys.*	*Ms.*	*Ys.*	*Ms.*					
Jacob D. Doyle	Chicago, Ill.	28 Feb. 89	3	11	3	11	District of Columbia		16 June 80		

MARINE CORPS.

MARINE CORPS.

COLONEL COMMANDANT.

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.		Shore or other duty.		Unemployed.		
						Ys	Ms	Ys	Ms	Ys	Ms	Ys	Ms	
	2001	Charles Heywood	Headquarters, Washington.	30 Jan. 91	July 76	0	0	8	7	31	2	0	0	N.I

GENERAL STAFF (5).

	2002	Green Clay Goodloe, *a* Major and Paymaster.	Headquarters, Washington.	17 Mar. 77	Dec. 76	0	0	4	8	*b*27	3	0	0	Ky
	2003	George C. Reid, Major, Adjutant, and Inspector.	Headquarters, Washington.	28 May 94	June 92	0	0	9	1	25	5	0	0	Ohi
	2004	Frank L. Denny, Major and Quartermaster.	Headquarters, Washington.	27 June 97	Oct. 89	0	0	5	6	13	0	0	0	Ind
	2005	Thomas C. Prince, Captain and Assistant Quartermaster.	Assistant Quartermaster's office, Philadelphia.	1 July 97	Feb. 96	0	0	7	9	12	9	0	0	Ohi
5	2006	Charles L. McCawley, Captain and Assistant Quartermaster.	Headquarters, Washington.	23 July 97	*Aug. 98	0	4	0	4	1	2	0	0	D.

COLONELS (2).

	2007	James Forney.....	Marine Barracks, Navy-yard, League Island.	31 Dec. 97	Apr. 86	0	0	7	7	30	3	0	0	Pa
	2008	Robert W. Huntington *c*.	Marine Barracks, Navy-yard, New York.	15 Mar. 98	*Aug. 98	0	1	12	7	*b*25	1	0	0	Co

LIEUTENANT-COLONELS (2).

	2009	Percival C. Pope, *d*.....	Marine Barracks, Navy-yard, Boston.	26 Mar. 98	*June 98	0	0	*b*8	6	29	0	0	0	N.
	2010	Robert L. Meade, *e*.....	Marine Barracks, Navy-yard, Portsmouth.	29 Dec. 97	Aug. 98	0	1	*b*14	7	*b*25	4	0	8	Ter

a Acting Regimental Adjutant Fourth Kentucky Cavalry from 4 April, 1862, to 11 June, 1862; First Lieuten Company I, Twenty-third Infantry, Kentucky Volunteers, from 16 October, 1862, to 28 August, 1863.
b Includes service in Volunteer Army or Navy.
c Private First Regiment Connecticut Volunteers from 20 April, 1861, to 5 June, 1861.
d Captain's clerk from 1 July, 1861, to 5 November, 1861.
e Four years and 12 days in the Navy.
* Sea service with First Marine Battalion, North Atlantic Squadron.

MARINE CORPS.

COLONEL COMMANDANT.

Second Lieutenant.	First Lieutenant.	Captain.	Assistant Quartermaster.	Major.	Quartermaster.	Paymaster.	Adjutant and Inspector.	Lieutenant-Colonel.	Colonel Commandant.	Brevet rank.
5 Apr. 58	30 May 61	23 Nov. 61	.....	1 Nov. 76	.....	.....	.....	9 Mar. 88	30 Jan. 91	Major, 8 Mar. 62; Lt. Col., 5 Aug. 64

GENERAL STAFF (5).

	21 Apr. 69	12 Jan. 76	.....	.....	.....	.....	*a*17 May 77	.....	.....	.....	.....
	2 July 64	29 Aug. 69	2 Apr. 84	.....	.....	.....	.....	*a*2 May 94	.....	.....	.....
	16 June 80	23 Dec. 84	.....	*b* 26 Feb. 92	.....	*a*27 June 97	.....	.....	.....	.....	.....
	cd 1 July 84	2 Feb. 91	.....	*b*20 June 97	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	*b*27 June 97	.....	.....	.....	.....	.....	.....	.....

COLONELS (2).

									Colonel.	
1 Mar. 61	1 Sept. 61	23 Apr. 64	.....	24 Feb. 84	.....	.....	.....	30 Jan. 91	11 July 92	Captain, 24 Apr. 62; Major, 15 Apr. 69; Lt. Col., 15 Mar. 70
5 June 61	....do ...	21 June 64	.....	24 Oct. 89	.....	.....	.....	2 Feb. 97	10 Aug. 98	.....

LIEUTENANT-COLONELS (2).

25 Nov. 61	25 Nov. 61	16 Apr. 70	.....	2 Feb. 91	.....	.....	.....	2 June 98	.....	Captain, 8 Sept. 62
4 June 62	2 Apr. 64	22 Jan. 76	.....	6 Sept. 92	.....	.....	.....	10 Aug. 98	.....	1st Lieut. 8 Sept. 62

a With the rank of Major
b With the rank of Captain.
c Cadet Midshipman from 28 June, 1878, to 4 August, 1882.
d Naval Cadet from 5 August, 1882, to 30 June 1883.

MAJORS (4).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
						Ys.	Ms.	Ys.	Ms.
	2011	Charles F. Williams[1]	Marine Barracks, Navy-yard, Mare Island, Cal.	18 Apr. 98	Nov. 92	0	0	11	5
	2012	Henry C. Cochrane[3]	Marine Barracks, Naval Station, Newport, R. I.	10 Feb. 96	*Aug. 98	0	4	[2]14	9
	2013	William S. Muse[4]	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	June 93	0	0	[2]12	10
	2014	James M. T. Young[5]	Waiting orders	19 Dec. 98	Nov. 98	0	0	[2]12	6

CAPTAINS (20).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n. Ys.	Sea service under present com'n. Ms.	Total sea service. Ys.	Total sea service. Ms.
	2015	Erastus R. Robinson[6]	New York	25 Apr. 98	Mar. 88	3	7	11	5
	2016	Francis H. Harrington	Marine Barracks, Washington	1 Sept. 96	*Aug. 98	3	7	11	11
	2017	Mancil C. Goodrell[7]	Marine Barracks, Sitka, Alaska	8 Nov. 98	*Aug. 98	3	4	13	6
	2018	Carlile P. Porter	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	Dec. 97	2	4	11	0
5	2019	George F. Elliott	Marine B'ks, Navy-yd, Washington	1 Nov. 98	*Aug. 98	3	1	13	4
	2020	Allan C. Kelton	Marine B'ks, Navy-yard, Boston	28 Dec. 96	*July 98	3	8	12	7
	2021	Richard Wallach	Marine B'ks, Naval Academy	19 Oct. 98	Mar. 98	3	8	12	11
	2022	Benjamin R. Russell	Marine B'ks, Navy-yd, League Is.	24 Sept. 96	*July 98	3	2	13	0
	2023	Otway C. Berryman	Olympia	15 July 96	Dec. 92	2	9	11	4
10	2024	William F. Spicer	Marine B'ks, Navy-yd, Portsmouth	10 May 95	*Aug. 98	2	5	11	1
	2025	Paul St. C. Murphy	Brooklyn	1 Dec. 96	July 93	2	5	16	0
	2026	Leroy C. Webster	Marine B'ks, Navy-yd, Mare Is.	28 Feb. 98	Aug. 96	0	0	9	1
	2027	William P. Biddle	Under orders to United States	21 Sept. 98	Nov. 98	3	6	12	10
	2028	Randolph Dickins	Oregon	12 Feb. 96	Feb. 93	2	10	12	3
15	2029	Thomas N. Wood[8]	Massachusetts	10 June 96	June 92	2	6	14	9
	2030	Littleton W. T. Waller	Marine B'ks, Navy-yard, Norfolk	17 Sept. 98	Sept. 98	2	3	9	1
	2031	Harry K. White	Marine B'ks, Navy-yd, New York	14 Sept. 98	*June 98	0	11	9	3
	2032	Lincoln Karmany	Iowa	16 June 97	Dec. 91	0	11	8	8
	2033	Charles A. Doyen	Indiana	20 Nov. 98	July 98	0	4	7	7
20	2034	Charles H. Lauchheimer.†	Judge-Advocate-General's Office	19 Mar. 92	Oct. 91	0	0	6	5

[1] Private First Regiment Connecticut Volunteers from 19 April, 1861, Sergeant 19 April, 1861 to 31 July, 1861.
[2] Includes service in Volunteer Army or Navy.
[3] Master's Mate from 7 September, 1861, to 9 March, 1863.
[4] Paymaster's steward from 8 July, 1862, to 18 March, 1864.
[5] Captain's clerk from 18 February, 1862, to 1 July, 1864.
[6] Private First Michigan Volunteer Infantry from 28 April, 1861, to — January, 1862; Sergeant First Michigan Volunteer Infantry from — January, 1862, to 27 April, 1862; Second Lieutenant First Michigan Volunteer Infantry from 28 April, 1862, to 19 July, 1863.
[7] Private Company B, Fifteenth Iowa Volunteers, from 29 January, 1862, to 8 March, 1865.
[8] Cadet Midshipman from 10 June, 1871, to 4 February, 1875.
* Sea service with First Marine Battalion, North Atlantic Squadron.
† Subject to confirmation.

MAJORS (4).

	Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.				
						Second Lieutenant.	First Lieutenant.	Captain.	Major.	Brevet rank.
	Ys.	*Ms.*	*Ys.*	*Ms.*						
	a 25	5	0	0	District of Columbia	10 June 62	10 June 64	1 Nov. 76	2 Feb. 97	Captain, 14 Jan. 65
	22	7	0	0	Pennsylvania	10 Mar. 63	20 Aug. 65	16 Mar. 79	1 Feb. 98	.....
	23	7	0	0	Maryland	18 Mar. 64	27 Apr. 67	21 Dec. 80	2 June 98	.....
	24	4	0	0	Maryland	2 July 64	9 Aug. 68	24 Feb. 84	10 Aug. 98	.....

CAPTAINS (20).

	a 25	3	0	0	New York	2 July 64	28 Sept. 69	13 Dec. 84	.....	.....
	22	2	0	0	District of Columbia	8 Dec. 64	13 Oct. 69	4 May 85	.....	.....
	a 23	6	0	0	Iowa	9 Mar. 65	16 Apr. 70	16 July 86	.....	.....
	20	8	0	4	District of Columbia	20 Dec. 66	1 Feb. 73	18 Aug. 89	.....	.....
5	14	11	0	0	New York	12 Oct. 70	30 Mar. 78	15 June 92	.....	.....
	15	8	0	0	Pennsylvania	31 Mar. 69	1 Apr. 75	18 June 90	.....	.....
	16	9	0	0	Pennsylvania	24 Apr. 69	22 Jan. 76	30 Jan. 91	.....	.....
	16	2	0	0	Pennsylvania	16 Oct. 69	1 Nov. 76	2 Feb. 91	.....	.....
	16	6	0	11	District of Columbia	20 Jan. 70	16 Nov. 77	11 July 92	.....	.....
10	15	9	0	0	Massachusetts	13 Mar. 72	4 Jan. 80	6 Sept. 92	.....	.....
	9	11	0	0	New York	27 Jan. 73	18 Apr. 80	16 Mar. 93	.....	Major, 3 July, 98
	15	5	0	0	Delaware	1 July 74	1 July 83	18 Apr. 93	.....	.....
	10	7	0	0	Pennsylvania	19 June 75	24 Feb. 84	7 Feb. 94	.....	.....
	10	4	0	0	Virginia	19 May 76	2 Mar. 84	2 May 94	.....	.....
15	11	4	0	0	District of Columbia	1 July 76	2 Apr. 84	28 Jan. 96	.....	.....
	11	2	0	0	Virginia	16 June 80	26 Sept. 85	14 June 96	.....	.....
	11	8	0	2	Dakota	*b c* 1 July 83	26 Mar. 89	2 Feb. 97	.....	.....
	12	4	0	4	Pennsylvania	*d e* 1 July 83	18 Aug. 89	1 Feb. 98	.....	.....
	14	3	0	8	New Hampshire	*f g* 1 July 83	24 Oct. 89	2 June 98	.....	.....
20	14	8	0	4	Maryland	*h i* 1 July 83	9 Jan. 90	10 Aug. 98	.....	.....

a Includes service in Volunteer Army or Navy.
b Cadet Midshipman from 22 September, 1877, to 4 August, 1882.
c Naval Cadet from 5 August, 1882, to 30 June, 1883.
d Cadet Midshipman from 12 September, 1877, to 4 August, 1882.
e Naval Cadet from 5 August, 1882, to 30 June, 1883.
f Cadet Midshipman from 21 July, 1876, to 4 August, 1882.
g Naval Cadet from 5 August, 1882, to 30 June, 1883.
h Cadet Midshipman from 11 September, 1877, to 4 August, 1882.
i Naval Cadet from 5 August, 1882, to 30 June, 1883.

FIRST LIEUTENANTS (30).

Number in grade.	Signal number.	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
						Ys.	Ms.	Ys.	Ms.
	2035	Henry C. Haines	Marine B'ks, Naval Sta., Port Royal	22 Sept. 98	Sept. 98	3	1	8	2
	2036	George Barnett	Chicago	12 Dec. 97	May 92	2	9	8	6
	2037	Franklin J. Moses	Marine B'ks, N'y-y'd, Washington.	19 July 98	*July 98	3	2	8	3
	2038	James E. Mahoney	Marine Barracks, Naval Station, Havana, Cuba.	17 Dec. 98	*Aug. 98	3	2	8	0
5	2039	Con. M. Perkins	Philadelphia	1 July 98	July 94	3	8	8	10
	2040	Joseph H. Pendleton	Marine Barracks, Naval Academy.	1 Dec. 98	July 98	1	0	6	4
	2041	Herbert L. Draper	Marine B'ks, N'y-y'd, Washington.	24 Sept. 98	*Aug. 98	2	4	4	3
	2042	John A. Lejeune	Cincinnati	2 Aug. 97	July 93	2	8	5	5
	2043	Clarence L. A. Ingate	Receiving-ship Vermont	26 Sept. 98	*Aug. 98	2	8	5	2
10	2044	Eli K. Cole	Marine B'ks, Naval Sta., Puget S'nd	1 Dec. 98	Nov. 98	2	7	5	9
	2045	Theodore P. Kane	New Orleans	3 Sept. 98	June 98	2	7	5	6
	2046	Lewis C. Lucas	Marine Barracks, Naval Station, San Juan, Porto Rico.	5 Nov. 98	*Aug. 98	3	6	5	9
	2047	Bertram S. Neumann	Marine Barracks, Navy-yard, Pensacola.	12 Dec. 98	Oct. 98	3	6	6	0
	2048	Charles G. Long	Marine Barracks, N'y-yd, Boston.	20 Sept. 98	*Aug. 98	3	5	5	11
15	2049	Ben H. Fuller	Marine B'ks, N'y-y'd, New York	21 Dec. 98	Dec. 98	2	3	4	8
	2050	Robert McM. Dutton	Boston	18 Nov. 95	1st cruise	3	1	5	4
	2051	Edward R. Lowndes	Newark	18 Nov. 98	Oct. 98	2	6	4	9
	2052	Albertus W. Catlin	Marine B'ks, N'y-y'd, New York	3 Sept. 98	Sept. 98	2	11	5	3
	2053	Laurence H. Moses	Ordered to Marine B'ks, Boston	4 Nov. 98	Nov. 98	2	10	5	1
20	2054	Wendell C. Neville	Marine B'ks, N'y-y'd, New York	5 June 97	*Aug. 98	3	3	5	5
	2055	Cyrus S. Radford	Texas	2 June 97	Mar. 97	2	3	4	6
	2056	Thomas C. Treadwell	Raleigh	21 July 96	1st cruise	2	5	4	10
	2057	Dion Williams	Baltimore	15 Oct. 97	....do ...	1	2	3	6
	2058	Rufus H. Lane	On leave of absence	6 Nov. 98	Nov. 98	2	9	6	0
25	2059	Albert S. McLemore	Marine B'ks, N'y-y'd, Mare Island	12 Dec. 98	*Aug. 98	1	8	5	4
	2060	George Richards	Marine B'ks, N'y-y'd, Washington	23 Nov. 98	Nov. 98	1	5	5	1
	2061	William N. McKelvy	Marine B'ks, N'y-y'd, New York	7 Sept. 97	*Aug. 98	0	5	4	10
	2062	William C. Dawson	Marine Barracks, N'y-y'd, Boston.	25 Nov. 98	Nov. 98	0	10	5	2
	2063	Austin R. Davis	Marine B'ks, N'y-y'd, Norfolk	17 Dec. 98	Sept. 98	0	3	4	8
30	2064	John H. Russell†	Marine B'ks, N'y-y'd, League I'd	14 Nov. 98	Oct. 98	0	2	4	6

SECOND LIEUTENANTS (8).

	2065	Theodore H. Low	Marine B'ks, N'y-y'd, Portsmouth.	8 Sept. 98	Aug. 98	0	1	2	11
	2066	Thomas S. Borden	Marine B'ks, N'y-y'd, New York	1 Dec. 98	Dec. 98	1	9	3	10
	2067	John T. Myers	Charleston	7 May 98	1st cruise	0	7	2	11
	2068	Louis J. Magill	Buffalo	25 Sept. 98	*1st cruise	0	7	2	10
5	2069	Melville J. Shaw	Buffalo	30 Sept. 98	*1st cruise	0	7	2	8
	2070	Philip M. Bannon	Lancaster	4 Nov. 98	*Aug. 98	0	5	2	11
	2071	Newt H. Hall	Badger	23 Dec. 98	*Nov. 98	0	5	2	6
	2072	Ralph E. Walker	Marine Barracks, Washington	15 Oct. 98	Sept. 98	0	1	3	0

* Sea service with First Marine Battalion, North Atlantic Squadron.
† Subject to confirmation; not yet commissioned.

FIRST LIEUTENANTS (30).

	Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.					
						Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Second Lieutenant.	First Lieutenant.	Brevet rank.
	Ys.	Ms.	Ys.	Ms.							
	14	10	0	6	At large		26 June 75	5 Aug. 82	1 July 83	25 June 90	
	12	5	0	7	Wisconsin		19 June 77	do	do	1 Sept. 00	
	12	7	0	5	South Carolina		11 Sept. 77	do	do	27 Oct. 90	
	13	11	0	4	Massachusetts		22 Sept. 76	do	do	1 July 90	
5	13	9	0	8	At large		11 Sept. 75	*a* 5 Aug. 82	1 July 84	30 Jan. 91	
	13	9	0	1	Pennsylvania	1 Oct. 78		5 Aug. 82	do	28 June 91	
	12	3	0	4	Kansas			6 Sept. 83	1 July 89	1 July 91	
	8	5	0	9	Louisiana			19 May 84	1 July 90	26 Feb. 92	
	9	0	0	5	Alabama			20 May 84	do	30 Apr. 92	
10	8		0	8	New York			4 Sept. 83	do	5 June 92	
	8	9	0	5	At large			19 May 84	do	15 June 92	
	7		0	3	Ohio			9 Sept. 85	1 July 91	do	Captain, 13 June 98
		5	0	2	New Jersey			22 May 85	do	11 July 92	
	7	8	0		Massachusetts			7 Sept. 85	do	6 Sept. 92	
15	8	9	0	2	Michigan			22 May 85	do	16 Mar. 93	
	7	9	0		California			4 Sept. 85	do	17 Mar. 93	
	8	4	0	2	Michigan			29 Sept. 85	do	18 Apr. 93	
	6	7	0	4	Minnesota			24 May 86	1 July 92	19 Apr. 93	
	6	5	0		New York			29 Sept. 86	do	26 Dec. 93	
20	6	1	0		Virginia			13 Sept. 86	do	7 Feb. 94	Captain, 13 June 98
	7	4	0	3	Kentucky			25 May 86	do	2 May 94	
	7	1	0	2	Massachusetts			21 May 86	do	3 May 94	
	7	11	0	0	Ohio			16 July 87	1 July 93	30 June 94	
	5	7	0	0	Ohio			2 June 87	do	28 Jan. 96	
25	6		0	0	Tennessee			23 May 87	do	14 June 96	
	6	3	0	0	Ohio			12 Sept. 87	do	3 Feb. 97	
	6	9	0	0	Pennsylvania			20 May 87	do	20 June 97	
	6		0	2	Missouri			6 Sept. 88	1 July 94	1 Feb. 98	
	6		0	1	Georgia			*b* 21 May 88	do	2 June 98	
30	5	10	0	3	At large			18 May 88	do	10 Aug. 98	

SECOND LIEUTENANTS (8).

	6	6	0	2	Connecticut			18 May 88	1 July 94		
	6	4	0	1	Louisiana			25 Sept. 88	do		1st Lieut., 3 July, 98
	8	2	0	0	Georgia			*cd* 22 Sept. 87	25 Feb. 95		
	6	5	0	1	Pennsylvania			11 Nov. 89	1 July 95		1st Lieut., 13 June 98 Captain, 13 June 98
5	5	6	0	2	Minnesota			6 Sept. 90	1 July 96		
	4	6	0	2	Maryland			19 May 91	1 July 97		1st Lieut., 13 June 98
	4	8	0	2	Texas			7 Sept. 91	do		
	3	7	0	1	Indiana			20 May 92	20 May 98		

a Assistant Engineer, 1 July, 1883, to 1 July, 1884.
b Naval Cadet, 7 September, 1887; resigned, 6 February, 1888.
c Assistant Engineer, 22 August, 1894, to 25 February, 1895.
d Out of service 1 month and 21 days.

SECOND LIEUTENANTS, FOR THE WAR (30).

	Name.	Present duty or station.	Date of present duty or leave.	Expiration of last cruise or tour of sea service.	Sea service under present com'n.		Total sea service.	
					Ys.	*Ms.*	*Ys.*	*Ms.*
	Henry C. Davis	Iowa	30 Aug. 98	1st cruise	0	4	0	4
	George C. Thorpe	Resolute	21 Nov. 98	....do	0	4	0	4
	Louis M. Gulick	Marine Barracks, Naval Station, San Juan, Porto Rico.	27 Oct. 98	Oct. 98	0	4	0	4
	Louis A. Frothingham	Waiting orders	15 Nov. 98	Nov. 98	0	4	0	4
5	Edwin A. Jonas	Marine B'ks, Navy-yard, Norfolk, Va	23 Sept. 98	*Aug. 98	0	1	0	1
	Smedley D. Butler	New York	24 Sept. 98	....do	0	5	0	5
	George C. Reid	Marine Barracks, Naval Sta., Newport	20 Sept. 98	....do	0	1	0	1
	Randolph M. Appleton	Waiting orders	.....do	....do	0	1	0	1
	Henry W. Carpenter	Marine Barracks, Naval Academy	15 Oct. 98	.....	0	0	0	0
10	Arthur T. Marix	Marine Barracks, Nav. Sta., Port Royal	5 Aug. 98	.....	0	0	0	0
	Hiram I. Bearss	Michigan	9 Dec. 98	1st cruise	0	1	0	1
	Charles S. Hatch	Indiana	27 Sept. 98	....do	0	3	0	3
	Arthur J. Matthews	Receiving-ship Franklin	5 Dec. 98	.....	0	0	0	0
	David D. Porter	Marine Barracks, Naval Sta., Newport	26 Sept. 98	.....	0	0	0	0
15	William B. Lemly	Brooklyn	6 Dec. 98	1st cruise	0	0	0	0
	Philip S. Brown	Under orders to be mustered out of service.	13 Dec. 98	.....	0	0	0	0
	Henry Leonard	Solace	20 Sept. 98	Sept. 98	0	4	0	4
	Don A. Baxter	Marine B'ks, Navy-yard, Portsmouth	10 July 98	.....	0	0	0	0
	Robert F. Wynne	Oregon	14 Sept. 98	*Aug. 98	0	4	0	4
20	Charles S. Hill	Marine Barracks, Naval Academy	12 July 98	.....	0	0	0	0
	Robert M. Gilson	Marine B'ks, Navy-yard, New York	14 Sept. 98	.....	0	0	0	0
	John F. McGill	Marine Barracks, Naval Academy	22 Sept. 98	.....	0	0	0	0
	Charles A. Taussig	Under orders to be mustered out of service.	13 Dec. 98	.....	0	0	0	0
	James C. Breckinridge	Receiving-ship Richmond	26 Sept. 98	.....	0	0	0	0
25	Rexwald Brown	Receiving-ship Wabash	21 Sept. 98	.....	0	0	0	0
	Charles G. Andresen	Mar. Barracks, Nav. Sta., Havana, Cuba	17 Dec. 98	.....	0	0	0	0
	Harry Lee	Mar. B'ks, Nav. Sta., Havana, Cuba	.....do	.....	0	0	0	0
	Robert H. Dunlap	Massachusetts	24 Dec. 98	1st cruise	0	0	0	0
	Randolph C. Berkeley	Marine B'ks, Navy-yard, Washington	16 Aug. 98	.....	0	0	0	0
30	Benjamin F. Rittenhouse.	Marine Barracks, Washington	17 Aug. 98	.....	0	0	0	0

* Sea service with First Marine Battalion, North Atlantic Squadron.

SECOND LIEUTENANTS, FOR THE WAR (30).

	Shore or other duty.		Unemployed.		Appointed from—	Entry and promotions.				
						Cadet Engineer.	Cadet Midshipman.	Naval Cadet.	Second Lieutenant.	First Lieutenant.
	Ys.	Ms.	Ys.	Ms.						
	0	3	0	0	District of Columbia				20 May 98	
	0	3	0	0	Minnesota				do	
	0	3	0	0	New York				do	
	0	2	0	1	Massachusetts				do	
5	0	6	0	0	Louisiana				do	
	0	2	0	0	Pennsylvania				do	
	0	6	0	0	Ohio				do	
	0	3	0	3	Massachusetts				do	
	0	7	0	0	Virginia				26 May 98	
10	0	7	0	0	Illinois				do	
	0	6	0	0	Indiana				do	
	0	4	0	0	District of Columbia				do	
	0	7	0	0	Rhode Island				do	
	0	7	0	0	District of Columbia				do	
15	0	7	0	0	North Carolina				do	
	0	6	0	0	Maine				9 June 98	
	0	2	0	0	District of Columbia				do	
	0	6	0	0	Ohio				do	
	0	2	0	0	District of Columbia				do	
20	0	6	0	0	New Hampshire				do	
	0	6	0	0	Vermont				do	
	0	5	0	0	Virginia				7 July 98	
	0	5	0	0	District of Columbia				do	
	0	5	0	0	Arkansas				do	
25	0	5	0	0	Illinois				15 July 98	
	0	5	0	0	U. S. Marine Corps				25 July 98	
	0	4	0	0	District of Columbia				2 Aug. 98	
	0	4	0	0	District of Columbia				8 Aug. 98	
	0	4	0	0	Virginia				do	
30	0	4	0	0	Virginia				do	

RETIRED LIST—MARINE CORPS.

Retired on attaining the age of 64 years, in conformity with the provisions of the act of Congress approved June 30, 1882.

COLONEL (1).

Name.	Present residence.	Retirement. Colonel.	Sea service.		Shore or other duty.		Unemployed.	
			Ys.	*Ms.*	*Ys.*	*Ms.*	*Ys.*	*Ms.*
Thomas Y. Field	Wayne, Delaware County, Pa	17 Aug. 89	8	11	32	2	10	5

Retired on his own application after forty years' consecutive service, in conformity with section 15, act of Congress approved August 3, 1861.

MAJOR (1).

		Major.						
Augustus S. Nicholson	Hamilton, Va	1 May 94	8	7	38	6	4	8

Retired on his own application after thirty years' consecutive service, in conformity with section 4, act of Congress approved July 15, 1870.

LIEUTENANT-COLONELS (2).

		Lt. Col.						
McLane Tilton	Annapolis, Md	1 Feb. 97	11	0	24	11	1	11
John H. Higbee	New York, N. Y	1 June 98	9	2	27	1	0	7

MAJORS (3).

		Major.						
Horatio B. Lowry	Rockville, Md	19 June 97	4	10	30	10	1	6
Henry A. Bartlett	On leave of absence	1 Feb. 98	16	2	18	3	2	11
Richard S. Collum *a*	Philadelphia, Pa	26 June 97	*b*11	11	*b*26	11	1	6

CAPTAIN (1).

		Captain.						
Edward P. Meeker *c*	Brooklyn, N. Y	15 Mar. 93	*b*17	6	16	1	5	9

a Acting Midshipman United States Navy, 20 September, 1854, to 7 May, 1857.
b Includes service in Volunteer Army or Navy.
c Two years 9 months and 10 days in the Navy.

RETIRED LIST—MARINE CORPS.

Retired on attaining the age of 64 years, in conformity with the provisions of the act of Congress approved June 30, 1882.

COLONEL (1).

Appointed from—	Entry and promotions on the active list.							
	Second Lieutenant.	First Lieutenant.	Captain.	Major.	Adjutant and Inspector.	Lieutenant-Colonel.	Colonel.	Brevet rank.
Pennsylvania	3 Mar. 47	15 Oct. 54	30 May 61	10 June 64	.....	1 Nov. 76	18 Apr. 80	1st Lieut., 13 Sept. 47

Retired on his own application after forty years' consecutive service, in conformity with section 15, act of Congress approved August 3, 1861.

MAJOR (1).

New York	16 Mar. 47	4 Mar. 56	.....	.....	*a* 6 May 61	.....	.....	1st Lieut., 13 Sept. 47

Retired on his own application after thirty years' consecutive service, in conformity with section 4, act of Congress approved July 15, 1870.

LIEUTENANT-COLONELS (2).

Maryland	2 Mar. 61	1 Sept. 61	10 June 64	9 Mar. 85	.....	2 Feb. 91	.....	.....
New York.....	9 Mar. 61	.....do	.....do	18 Aug. 89	.....	11 July 92	.....	Captain, 25 May 63

MAJORS (3).

				Ass't Quartermaster.	Quartermaster.			
South Carolina ...	17 Sept. 61	26 Nov. 61	16 Oct. 69	*b* 21 June 72	*a* 4 May 85	.....	.....	Captain, 8 Sept. 63
Rhode Island	10 Sept. 61	25 Nov. 61	29 Nov. 67	.....	.....	Major, 30 Jan. 91	.....	.....
Indiana	7 Sept. 61	30 Dec. 62	13 Mar. 72	*b* 4 May 85	*a* 26 June 97	.....	.....	.....

CAPTAIN (1).

New Jersey	14 June 62	17 Nov. 64	19 Nov. 77	.....	.....	.....	.....	Captain, 14 Jan. 65

a With rank of Major. *b* With rank of Captain.

Retired from incapacity resulting from sickness originating in the line of duty, in conformity with section 16, act of Congress approved August 3, 1861.

CAPTAINS (6).

	Name.	Present residence.	Retirement. Captain.	Sea service.		Shore or other duty.		Unemployed.	
				Ys.	*Ms.*	*Ys.*	*Ms.*	*Ys.*	*Ms.*
	Charles A. Stillman	Winchester, Mass	12 Mar. 72	4	3	4	10	28	3
	Frederick H. Corrie	On leave, Europe	18 Dec. 85	11	9	12	1	13	6
	George B. Haycock	Washington, D. C	19 Mar. 83	5	11	14	2	15	9
	Frank D. Webster *a*	On leave, Europe	1 Apr. 84	7	4	*b*13	9	14	9
5	Archibald S. Taylor	Clinton, N. J	17 June 90	11	9	14	3	8	6
	Robert D. Wainwright	Little Falls, N. J	17 Apr. 93	8	11	14	5	5	9

FIRST LIEUTENANTS (2).

			First Lieutenant.						
	Samuel H. Gibson	Washington, D. C	6 Jan. 88	7	9	10	6	11	0
	Samuel J. Logan	U. S. S. "Machias"	25 Sept. 85	4	3	6	1	13	4

SECOND LIEUTENANTS (2).

			Second Lieutenant.						
	Alfred Devereux	Philadelphia, Pa	31 Mar. 64	0	8	1	1	35	6
	Edward R. Miller	Germantown, Pa	12 Oct. 69	0	4	2	4	29	3

Retired under the provisions of "An act to provide for the examination of certain officers of the Marine Corps, and to regulate promotions therein," approved July 28, 1892.

CAPTAINS (2).

			Captain.						
	Henry C. Fisher *c*	Brooklyn, N. Y	16 Mar. 93	*b*10	0	*b*11	2	7	6
	George T. Bates	Annapolis, Md	2 May 94	9	3	12	0	4	8

FIRST LIEUTENANT (1).

			First Lieutenant.						
	Elisha Theall	Brooklyn, N. Y	2 Feb. 97	5	0	5	0	1	7

Retired for disability not the result of disease originating in the line of duty, in conformity with section 17, act of Congress approved August 3, 1861.

SECOND LIEUTENANT (1).

			Second Lieutenant.						
	John D. Smyser	Perth Amboy, N. J	3 May 78	2	11	5	2	20	8

a Private Company B, Seventeenth New Hampshire Volunteers, from 13 September, 1862, to 12 November, 1862; First Lieutenant Company B, Seventeenth New Hampshire Volunteers, from 13 November, 1862, to 16 April, 1863.
b Includes service in Volunteer Army or Navy.
c Ten months and 6 days in the Volunteer Navy, 6 months and 21 days in the Volunteer Army.

Retired from incapacity resulting from sickness originating in the line of duty, in conformity with section 16, act of Congress approved August 3, 1861.

CAPTAINS (6).

	Appointed from—	Entry and promotions on the active list.					
		Naval Cadet.	Second Lieutenant.	First Lieutenant.	Captain.	Assistant Quartermaster.	Brevet rank.
	Connecticut		25 Nov. 61	26 Nov. 61	5 Dec. 67		
	Kentucky		do	do	12 Feb. 70		Captain, 14 Jan. 65
	California		10 Mar. 63	20 June 66	18 Apr. 80		Captain, 7 June 70
	New Hampshire		18 Mar. 64	5 Dec. 67	8 Oct. 83		
5	New Jersey		2 July 64	30 July 68	12 Dec. 83		
	Massachusetts		4 Dec. 69	17 Mar. 77	5 June 92		

FIRST LIEUTENANTS (2).

Maryland		5 Oct. 69	3 Oct. 76			
Ohio		26 Apr. 75	12 Dec. 83			

SECOND LIEUTENANTS (2).

Pennsylvania		25 Sept. 61				
do		6 Feb. 65				

Retired under the provisions of "An act to provide for the examination of certain officers of the Marine Corps, and to regulate promotions therein," approved July 28, 1892.

CAPTAINS (2).

Pennsylvania		7 Sept. 71	27 Sept. 79	16 Mar. 93		
District of Columbia		1 Feb 73	12 May 80	2 May 94		

FIRST LIEUTENANT (1).

New York	28 May 87	1 July 93	2 Feb. 97			

Retired for disability not the result of disease originating in the line of duty, in conformity with section 17, act of Congress approved August 3, 1861.

SECOND LIEUTENANT (1).

Pennsylvania		21 Mar. 70				

RESIGNATIONS, RETIREMENTS, DEATHS, DISMISSALS, ETC.

(Officers of the Regular Service.)

RESIGNATIONS (32).

Lieutenant (junior grade) Wilford B. Hoggatt	1 Aug., 1898
Assistant Surgeon William S. Thomas	1 Dec., 1898
Assistant Surgeon Thomas L. Rhoads	16 Nov., 1898
Assistant Paymaster Francis J. Semmes	22 Oct., 1898
Naval Cadet Howard M. Lloyd	31 May, 1898
Naval Cadet Josiah W. Enbody	31 May, 1898
Naval Cadet Robert T. Wood	31 May, 1898
Naval Cadet Edward O. Cresap	17 May, 1898
Naval Cadet Thomas J. Cleveland	7 May, 1898
Naval Cadet Harold B. Miles	9 Feb., 1898
Naval Cadet George C. Lawrason	9 Feb., 1898
Naval Cadet Edward L. Whitney	9 Feb., 1898
Naval Cadet Arthur S. West	27 Jan., 1898
Naval Cadet Pickens E. Woodson	20 Jan., 1898
Naval Cadet William M. Robertson	3 Oct., 1898
Naval Cadet Bernard L. Tone	7 Feb., 1898
Naval Cadet Albert T. Rich	15 Jan., 1898
Naval Cadet John F. Mann	3 Oct., 1898
Naval Cadet Leroy Brooks, jr	15 Jan., 1898
Naval Cadet Oscar F. Cooper	2 Feb., 1898
Naval Cadet Joseph S. Lindsay	15 Jan., 1898
Naval Cadet Russell Hastings	9 Feb., 1898
Naval Cadet Samuel R. Price	9 Feb., 1898
Naval Cadet George P. Brown	9 Feb., 1898
Naval Cadet Claude Browne	3 May, 1898
Naval Cadet Kelly D. Alsop	15 Jan., 1898
Naval Cadet Arthur L. Nauman	7 Feb., 1898
Naval Cadet Marshall B. Green	7 May, 1898
Naval Cadet William R. Bowne	2 Feb., 1898
Naval Cadet John D Gillmore	5 Feb., 1898
Naval Cadet Harry M. Hepburn	6 Dec., 1898
Naval Cadet Charles F. Symonds	20 Dec., 1898

RETIREMENTS (57).

Rear-Admiral William A. Kirkland	3 July, 1898
Rear-Admiral Lester A. Beardslee	1 Feb., 1898
Rear-Admiral Thomas O. Selfridge, jr	6 Feb., 1898
Rear-Admiral Joseph N. Miller	22 Nov., 1898
Rear-Admiral Montgomery Sicard	30 Sept., 1898
Rear-Admiral Edmund O. Matthews	24 Oct., 1898
Rear-Admiral Charles S. Norton	10 Aug., 1898
Rear-Admiral Francis M. Bunce	25 Dec., 1898
Commander Samuel Belden	27 Apr., 1898
Commander Benjamin S. Richards	30 Apr., 1898
Lieutenant-Commander Benjamin H. Buckingham	5 Oct., 1898
Lieutenant-Commander Sumner C. Paine	14 Nov., 1898
Lieutenant-Commander Arthur P. Osborn	8 Dec., 1898
Lieutenant Frederic H. Lefavor	12 Apr, 1898
Lieutenant Oren E. Lasher	9 Mar., 1898
Lieutenant John W. Stewart	26 May 1898
Lieutenant Lucien Flynne	24 Jan., 1898
Lieutenant Edward D. Bostick	8 Oct., 1898
Lieutenant Charles S. Ripley	22 Apr., 1898
Medical Director Edward S. Bogert, sr	7 May, 1898
Medical Director Benjamin H. Kidder	23 Jan., 1898
Medical Director George H. Cooke	12 Dec., 1898
Medical Director Daniel McMurtrie	18 June, 1898
Surgeon Arthur G. Cabell	8 Oct., 1898
Passed Assistant Surgeon Lewis H. Stone	10 Feb., 1898
Pay Director William W. Williams	9 July, 1898
Pay Director Luther G. Billings	14 Mar., 1898
Pay Director Arthur J. Pritchard	12 Feb., 1898
Pay Inspector William W. Woodhull	15 June, 1898
Paymaster Edward N. Whitehouse	4 Feb., 1898
Paymaster George H. Read	29 Mar., 1898
Chief Engineer Philip Inch	6 Aug., 1898
Chief Engineer Fletcher A. Wilson	7 Feb., 1898
Chief Engineer Edward Farmer	1 Mar., 1898
Chief Engineer Alfred Adamson	19 Sept., 1898
Chief Engineer George W. Stivers	12 Oct., 1898
Chief Engineer Absalom Kirby	15 Feb., 1898
Chief Engineer James H. Chasmar	11 Oct., 1898
Chief Engineer Conrad J. Habighurst	7 Nov., 1898
Chief Engineer Robert W. Galt	19 Nov., 1898

RETIREMENTS—Continued.

ngineer William B. Dunning	29 Oct., 1898
Assistant Engineer Willis B. Day	2 May, 1898
nt Engineer George H. Shepard	8 Jan., 1898
n Frank B. Rose	5 Apr., 1898
onstructor John B. Hoover	23 June, 1898
ngineer Anecito G. Menocal	1 Sept., 1898
in Patrick H. Burns	6 June, 1898
Samuel Cross	11 June, 1898
Cornelius Cronin	16 Aug., 1898
Peter Hanley	26 Oct., 1898
er Herbert M. Griffiths	17 Mar., 1898
er Gould Northup	10 Oct., 1898
er Kaen M. A. Mahony	2 Mar., 1898
er George T. Douglass	20 Dec., 1898
er Truman B. White	3 Nov., 1898
er Charles E. Tallman	29 Oct., 1898
illiam Boyd	1 Mar., 1898

MARINE CORPS (2).

ant-Colonel John H. Higbee	1 June, 1898
Henry A. Bartlett	1 Feb., 1898

DEATHS (43).

lmiral Daniel Ammen (retired), Washington, D. C	11 July, 1898
lmiral John C. Febiger (retired), Easton, Md	9 Oct., 1898
lmiral Daniel L. Braine (retired), Brooklyn, N. Y	30 Jan., 1898
lmiral William A. Kirkland (retired), Mare Island, Cal	12 Aug., 1898
Milton Haxtun (retired), Brooklyn, N. Y	26 May, 1898
Charles V. Gridley, Kobe, Japan	5 June, 1898
ider Horace Elmer, Brooklyn, N. Y	26 Apr., 1898
ider Eugene D. F. Heald, Annapolis, Md	27 Mar., 1898
ant-Commander Charles E. Hawley (retired), Wilmington, Del	19 Dec., 1898
ant-Commander Charles H. Craven (retired), Washington, D. C	1 Mar., 1898
ant-Commander Edward W. Sturdy, U. S. S. Pompey	6 June, 1898
ant-Commander Sumner C. Paine (retired), Asheville, N. C	21 Dec., 1898
ant Oswin W. Lowry, New York, N. Y	13 Mar., 1898
ant John O. Nicolson (retired), Washington, D. C	27 Feb., 1898
ant David Daniels, U. S. S. Katahdin	7 Apr., 1898
ant Herman G. Dresel, Baltimore, Md	14 Nov., 1898
ant John J. Blandin, Baltimore, Md	16 July, 1898
ant (junior grade) Friend W. Jenkins, U. S. S. Maine, Havana Harbor, Cuba	15 Feb., 1898
George L. Fernier, U. S. S. Petrel, Shanghai, China	19 Nov., 1898
Joseph R. Campbell, Chelsea, Mass	30 May, 1898
Joseph C. Breckinridge, at sea, from torpedo-boat Cushing	10 Feb., 1898
Worth Bagley, U. S. S. Winslow, Cardenas, Cuba	11 May, 1898
adet William H. Boardman, St. Thomas, W. I	12 Aug., 1898
adet Clive K. Hulick, Batavia, Ohio	11 June, 1898
adet Thomas H. Wheeler, Montauk Point, N. Y	7 Sept., 1898
Inspector John L. Neilson, Boston, Mass	1 Sept., 1898
Edmund C. Ver Muelen (retired), Philadelphia, Pa	21 Jan., 1898
Assistant Surgeon Thomas B. Bailey, Washington, D. C	24 Feb., 1898
nt Surgeon George C. Hubbard, Washington D. C	21 Mar., 1898
ngineer George R. Johnson (retired), Washington. D. C	16 Sept., 1898
ngineer William H. Rutherford (retired), Harrisburg, Pa	1 Mar., 1898
ngineer Philip Inch (retired), Saratoga Springs, N. Y	18 Oct., 1898
ngineer Hugh H. Cline (retired), Brooklyn, N. Y	5 Oct., 1898
ngineer Henry Herwig (retired), Charlottesville, Va	21 June, 1898
Assistant Engineer Frank H. Conant, Annapolis, Md	16 Nov., 1898
nt Engineer John S. Porter, Phœnix, Ariz	10 Feb., 1898
nt Engineer Darwin R. Merritt, U. S. S. Maine, Havana Harbor, Cuba	15 Feb., 1898
n John R. Mathews (retired), Croton-on-Hudson, N. Y	27 Dec., 1898
n Thaddeus S. K. Freeman, Nagasaki, Japan	12 Sept., 1898
in Daniel Ward (retired), Philadelphia, Pa	15 Oct., 1898
Boatswain Joseph Hartman, Norfolk, Va	24 Nov., 1898
er David Bruce (retired), Charlestown, Mass	26 Nov., 1898
wrence B. Gallagher, New York, N. Y	6 Feb., 1898

MARINE CORPS (1).

ant-Colonel John L. Broome (retired), Binghamton, N. Y	12 Apr., 1898

DISMISSED (1).

n Joseph P. McIntyre	24 Oct., 1898

DISCHARGED (1).

Assistant Paymaster Edwin B. Webster	5 Mar., 1898

RESIGNATIONS, DEATHS, HONORABLE DISCHARGES, ETC.

(Officers Appointed for Temporary Service.)

(ARRANGED ACCORDING TO RANK.)

RESIGNATIONS (13).

Name.	Appointed.	Resigned.	Appointed from—
Lieutenant Warren M. Hopkins	22 Apr. 98	1 July 98	New York.
Lieutenant George R. H. Buffinton	23 Apr. 98	1 Aug. 98	Massachusetts.
Lieutenant John H. Porter	25 May 98	.....do....	Illinois.
Lieutenant (junior grade) Charles H. Brigham	23 Apr. 98	28 Sept. 98	Massachusetts.
Lieutenant (junior grade) Francis W. Hunt	25 May 98	1 Aug. 98	Illinois.
Ensign Maurice B. Peugnet	22 Apr. 98	5 May 98	Missouri.
Ensign Thomas L. Jenkins	25 Apr. 98	13 Sept. 98	North Carolina.
Ensign Samuel P. Holmes	9 May 98	17 June 98	Florida.
Ensign Victor R. Lyle	10 May 98	13 Dec. 98	Alabama.
Ensign Harold H. Hewett	25 May 98	1 Aug. 98	Illinois.
Ensign Yandell Henderson	13 June 98	8 Aug. 98	Connecticut.
Passed Assistant Surgeon Henry H. Forbes	12 May 98	5 July 98	New York.
Passed Assistant Engineer William G. Coxe	4 May 98	21 July 98	Pennsylvania.
MARINE CORPS (2).			
Second Lieutenant Robert P. Faunt Le Roy	7 July 98	3 Oct. 98	Virginia.
Second Lieutenant Melville D. Chapman	2 Aug. 98	21 Dec. 98	New York.

DEATHS (3).

Name.	Appointed.	Died.	Appointed from—
Lieutenant (junior grade) Fred H. Pullen	20 May 98	12 Oct. 98	Maine.
Assistant Surgeon John B. Gibbs	25 Apr. 98	12 June 98	New York.
Chaplain John B. Scott	30 Apr. 98	15 July 98	Pennsylvania.
MARINE CORPS (1).			
Second Lieutenant Charles S. Gray	2 Aug. 98	3 Sept. 98	Ohio.

HONORABLY DISCHARGED.

COMMANDERS (3).

Name.	Date of appointment.	Date of discharge.	Appointed from—
William G. Randle	18 May 98	2 Sept.98	Pennsylvania.
Frederick Watkins	15 June 98	do	New Jersey.
Frederick M. Passow	do	do	New York.

LIEUTENANT-COMMANDER (1).

Jacob W. Miller	5 July 98	17 Sept.98	New York.

LIEUTENANTS (89).

George Young	21 Apr. 98	2 Sept.98	New York.
Julius A. Pattson	do	do	Do.
Joseph Beale	23 Apr. 98	3 Sept.98	Pennsylvania.
John W. Weeks	do	28 Oct. 98	Massachusetts.
George W. Mason	30 Apr. 98	14 Nov. 98	Maine.
Frank B. Anderson	do	15 Sept.98	New York.
William B. Duncan	do	6 Sept.98	Do.
William H. Willard	4 May 98	7 Dec. 98	Virginia.
McDonough Craven	do	15 Oct. 98	New York.
Gilbert Wilkes	9 May 98	26 Aug.98	Michigan.
John C. Sutherland	do	3 Nov. 98	Florida.
Alexander R. Merrill	do	15 Sept.98	Do.
Daniel W. Shea	do	do	Do.
John W. Bostick	do	28 Oct. 98	Louisiana.
Edwin C. Weeks	do	25 Oct. 98	New York.
James Gray	do	6 Oct. 98	Indiana.
Edward W. Henricks	10 May 98	24 Dec. 98	Do.
Samuel N. Kane	do. *a*	15 Nov. 98	New York.
Thomas I. Madge	11 May 98	22 Sept.98	Do.
William H. Elliott	do	31 Oct. 98	Indiana.
John S. Watters	12 May 98	15 Sept.98	Louisiana.
George L. Morton	do	2 Nov. 98	North Carolina.
Rufus Waterman	do	28 Sept.98	Rhode Island.
James O. Porter	14 May 98	1 Dec. 98	Massachusetts.
George N. Gardiner	do	28 Sept.98	Do.
George S. Selfridge	do	10 Oct. 98	Do.
Stephen Jenkins	do	29 Dec. 98	New York.
Thomas G. Segrave	18 May 98	30 Aug.98	Do.
Norman G. Morrall	20 May 98	8 Sept.98	South Carolina.
Lewis W. Bartlett	do	19 Sept.98	Louisiana.
Angelo W. Socola	do	16 Sept.98	Do.
Robert B. Quick	do	15 Sept.98	Do.
Harry H. McIlhenny	do	21 Sept.98	North Carolina.
Thomas M. Morse	do	12 Sept.98	Do.
William M. Atkinson	do	8 Sept.98	Do.
Charles S. Braddock, jr	do	1 Dec. 98	New Jersey.
Thomas C. Wood	do	28 Sept.98	New York.
Arthur B. Denny	21 May 98	17 Sept.98	Massachusetts.
James H. Dillaway, jr	do	8 Sept.98	Do.
Edward McC. Peters	do	8 Oct. 98	New Jersey.
Frederick S. Boyce	24 May 98	15 Nov. 98	Do.
Randolph H. Miner	do	1 Nov. 98	California.
Robert J. Beach	do	27 Sept.98	New York.
Eugene M. Harmon	do	9 Sept.98	Do.
Charles C. B. Reid	do	13 Sept.98	Do.
Samuel W. Stratton	do	22 Nov. 98	Illinois.
George E. Kent	do	5 Oct. 98	New York.
Harry R. Cohen	25 May 98	17 Sept.98	New Jersey.
James B. Potter	do	do	Do.
Albert De Unger	do	16 Sept.98	Do.
Isaac E. Emerson	do	2 Nov. 98	Maryland.
Edwin Geer	do	9 Sept.98	Do.
Henry F. Harrison	do	10 Oct. 98	Do.
Joseph Bonn	do	3 Sept.98	Do.
James J. Igoe	26 May 98	8 Sept.98	South Carolina.
George G. Clay	28 May 98	12 Dec. 98	Michigan.
Richard C. Hooker	do	18 Nov. 98	California.

a Ensign, 3 May, 1898.

LIEUTENANTS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
Charles Evans	28 May 98	24 Dec. 98	California.
Arthur B. Connor	2 June 98	3 Oct. 98	New Jersey.
Dabney M. Scales	4 June 98	8 Sept. 98	Tennessee.
Robert H. Pinckney	7 June 98	15 Sept. 98	South Carolina.
William E. McKay	8 June 98	25 Aug. 98	Massachusetts.
Charles J. Rogers	15 June 98	2 Sept. 98	New York.
William J. Roberts	do	do	Virginia.
Robert S. Sloan	17 June 98	4 Oct. 98	New York.
William H. Stayton	18 June 98	28 Oct. 98	Do.
Charles H. Grant	do	7 Oct. 98	Do.
William G. Ford	22 June 98	22 Nov. 98	Do.
Robert P. Forshew	do	8 Oct. 98	Do.
Arthur H. Day	do	8 Sept. 98	Connecticut.
Edward V. Raynolds	do	do	Do.
Felton Parker	do	17 Oct. 98	Massachusetts.
William E. Gunn	do	4 Nov. 98	California.
Louis H. Turner	do	8 Sept. 98	Do.
Joseph M. Mitcheson	23 June 98	15 Oct. 98	Pennsylvania.
John S. Muckle	do	22 Oct. 98	Do.
Alonzo Gartley	do	8 Sept. 98	Do.
George C. Stout	do	do	Do.
James H. Colwell	do	28 Oct. 98	Do.
Spencer F. B. Biddle	do	6 Oct. 98	Montana.
Henry M. M. Richards	28 June 98	21 Oct. 98	Pennsylvania.
Theodore C. Zerega	do	28 Sept. 98	New York.
Gardner I. Jones	2 July 98	10 Sept. 98	Massachusetts.
Walter R. Addicks	do	3 Sept. 98	Do.
Herbert L. Satterlee	6 July 98	7 Nov. 98	New York.
George F. Winslow	12 July 98	26 Nov. 98	Massachusetts.
William M. Paul	27 July 98	14 Sept. 98	Do.
Charles W. Hazeltine	a22 Nov. 98	23 Nov. 98	Missouri.
William E. Wirt	b28 Dec. 98	29 Dec. 98	Ohio.

LIEUTENANTS (JUNIOR GRADE) (83).

Hiram Dixon	21 Apr. 98	2 Sept. 98	New York.
Layton F. Smith	30 Apr. 98	7 Dec. 98	Maryland.
Davies Murdoch	do	21 Sept. 98	Do.
Samuel D. Greene	do	6 Sept. 98	New York.
John H. Barnard	do	13 Sept. 98	Do.
Ralph Osborn	4 May 98	2 Sept. 98	Ohio.
Henry S. Crossman	do	24 Sept. 98	Massachusetts.
Truman H. Newberry	9 May 98	24 Aug. 98	Michigan.
Cyrus E. Lothrop	do	do	Do.
James P. Parker	do	16 Sept. 98	Massachusetts.
Alexander Duane	do	19 Aug. 98	New York.
William L. R. Emmet	12 May 98	24 Aug. 98	Do.
William N. King	do	9 Nov. 98	Do.
Gerard B. Townsend	do	10 Sept. 98	Do.
James Macfarlane	do	9 Sept. 98	Do.
James T. Bootes	13 May 98	1 Dec. 98	Ohio.
Royal P. Carroll	14 May 98	8 Sept. 98	New York.
George H. Norman, jr	do	1 Oct. 98	Rhode Island.
George E. Beckwith	18 May 98	2 Sept. 98	New York.
George I. Luce	do	do	Massachusetts.
Hector R. Campbell	do	do	New Jersey.
Robert B. Howell	19 May 98	2 Dec. 98	Nebraska.
William Elliott	20 May 98	8 Sept. 98	South Carolina.
Eugene I. Burn	do	do	Do.
Sidney St. J. Eshleman	do	15 Sept. 98	Louisiana.
Robert H. McKoy	do	9 Sept. 98	North Carolina.
Washington Irving	21 May 98	8 Oct. 98	New Jersey.
Irving Blount	do	do	Do.
Samuel Hughes	do	21 Nov. 98	Maryland.
John Ross	do	24 Oct. 98	District of Columbia.
William P. Stinson	do	1 Oct. 98	Maine.
Oscar White	24 May 98	12 Sept. 98	Texas.
Thaddeus R. Beal	do	9 Sept. 98	New York.
John A. Ubsdell	do	do	Illinois.
Henry Bryant	do	20 Dec. 98	Massachusetts.
William H. Clifford, jr	25 May 98	25 Oct. 98	Maine.
Harry M. Bigelow	do	9 Sept. 98	Do.
William S. Belding	do	17 Sept. 98	Maryland.
Charles L. Bermingham	do	13 Sept. 98	Do.
Robert C. Hull	do	26 Nov. 98	Do.
Thomas C. B. Howard	do	24 Sept. 98	Do.

a Lieutenant (junior grade) 3 April, 1898.
b Lieutenant (junior grade) 15 June, 1898.

LIEUTENANTS (JUNIOR GRADE)—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
William B. Franklin	25 May 98	17 Sept. 98	New York.
James S. Brown	26 May 98	3 Oct. 98	Tennessee.
Thomas F. Webb	do	do	South Carolina.
John A. Patjens	do	do	Do.
John Leech	28 May 98	15 Dec. 98	New York.
Ansel D. Lothrop, jr	do	26 Nov. 98	Massachusetts.
Franz A. Ballaseyus	2 June 98	22 Oct. 98	South Dakota.
George H. Dunbar	do	2 Nov. 98	Maine.
Frederick Rouse	do	7 Nov. 98	New York.
Francis R. Wall	*a* 3 June 98	25 Nov. 98	Oregon.
William L. Sparks	7 June 98	19 Sept. 98	Illinois.
Claude E. Fitch	do	1 Oct. 98	Do.
Edward T. Irvine	8 June 98	2 Sept. 98	New York.
Joseph T. Rogers	do	do	Do.
John Bradshaw	do	do	Pennsylvania.
William S. P. Keyes	do	do	New York.
William L. Grant	do	do	Do.
William B. Porter	do	do	Do.
Charles H. Parker	*b* 17 June 98	17 Sept. 98	Massachusetts.
Albert Burnstine	21 June 98	19 Sept. 98	New York.
Max A. Orlopp	22 June 98	3 Sept. 98	Do.
Daniel M. Goodridge	do	22 Sept. 98	Connecticut.
Frank S. Cornwell	do	8 Oct. 98	Do.
Robert E. L. Hutchinson	do	12 Oct. 98	Do.
Nathaniel W. Bishop	do	8 Sept. 98	Do.
Edwin C. Rhoads	23 June 98	8 Oct. 98	Pennsylvania.
William G. Mayer	do	28 Sept. 98	New York.
Henry L. Thompson	do	29 Dec. 98	New Jersey.
George H. Eiswald	29 June 98	8 Sept. 98	Rhode Island.
George H. Swan	1 July 98	do	South Carolina.
John J. Adkins	do	do	North Carolina.
Frank B. Avery	do	10 Sept 98	Georgia.
Albert E. Thomas	2 July 98	10 Oct. 98	Massachusetts.
Jenness K. Dexter	do	8 Oct. 98	Do.
Thomas H. Gignilliatt	7 July 98	1 Nov. 98	Georgia.
Lewis Mims	17 July 98	26 Aug. 98	Louisiana.
Preston Herndon	18 July 98	13 Sept. 98	Do.
Robert F. Spangenberg, jr	do	26 Aug. 98	Do.
Nathaniel M. Hubbard, jr	*c* 20 July 98	19 Nov. 98	Iowa.
Ogle T. Warren	27 July 98	16 Sept. 98	Illinois.
William L. Beers	*d* 30 July 98	22 Dec. 98	New York.
John M. Masury	3 Aug. 98	12 Oct. 98	Do.

ENSIGNS (152).

George B. Terrell	22 Apr. 98	16 Nov. 98	New Jersey.
Daniel H. Sughrue	23 Apr. 98	29 Sept. 98	Massachusetts.
Herbert L. Smith	do	30 Sept. 98	Do.
William M. Goodrich	30 Apr. 98	21 Sept. 98	Maryland.
Peter T. Coyle	do	8 Dec. 98	Do.
William D. W. Dimock	do	9 Sept. 98	New York.
Charles L. Andrews	do	8 Sept. 98	Do.
Charles J. Colrow	4 May 98	do	Virginia.
John L. Cowell	do	2 Sept. 98	New York.
John Farnsworth	do	12 Sept. 98	District of Columbia.
George P. Eustis	6 May 98	22 Nov. 98	Maryland.
Frederick L. Eaton	9 May 98	30 Aug. 98	Michigan.
Strathcarn Hendrie	do	26 Aug. 98	Do.
Frederick D. Standish	do	30 Aug. 98	Do.
Walter R. Parker	do	26 Aug. 98	Do.
Frank B. Gaylord	do	do	Do.
Charles N. Borden	do	16 Sept. 98	Massachusetts.
William H. Gunning	do	19 Aug. 98	New York.
Charles S. McKinley	do	30 Aug. 98	South Carolina.
John T. Edson	12 May 98	17 Oct. 98	New York.
Charles O. Bond	do	30 Aug. 98	Pennsylvania.
Eugene N. Robinson	do	15 Sept. 98	New York.
Stuart W. Griffith	do	8 Sept. 98	Do.
John M. Blankenship	13 May 98	26 Sept. 98	Virginia.
James M. Bower	14 May 98	17 Nov. 98	Nebraska.
Douglass C. McDougal	do	4 Oct. 98	California.
William G. Powell	do	21 Nov. 98	New Jersey.
Edward T. Hoopes	do	3 Nov. 98	New York.
John De P. Douw	do	15 Aug. 98	Maryland.
William A. F. Smith	18 May 98	2 Sept. 98	New York.
Samuel R. Hurlbut	20 May 98	8 Oct. 98	Connecicut.
Charles W. Tuttle	do	6 Oct. 98	Illinois.

a Ensign, 24 May, 1898.
b Ensign, 14 May, 1898.
c Ensign, 10 May, 1898.
d Ensign, 11 May, 1898.

ENSIGNS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
John J. Phelps	20 May 98	8 Sept. 98	New Jersey.
Richard P. Borden	do	29 Sept. 98	Massachusetts.
Henry G. Shaw	do	26 Aug. 98	Louisiana.
Howard S. Townsend	do	8 Sept. 98	South Carolina.
Aubrey Bartlett	do	19 Sept. 98	Louisiana.
Charles I. Kiehl	do	do	Do.
Hugh L. Miller	do	8 Sept. 98	North Carolina.
William B. Coleman	do	9 Sept. 98	Do.
Frank H. Silvers	do	28 Oct. 98	New Jersey.
Joseph F. Tatem	do	31 Oct. 98	Do.
Horace F. Fuller	21 May 98	19 Sept. 98	Massachusetts.
William O. Cohn	do	17 Sept. 98	Do.
Guy Norman	do	15 Sept. 98	Rhode Island.
Charles M. Vreeland	do	8 Oct. 98	New Jersey.
Thomas Goldingay	do	do	Do.
George H. Mather	do	2 Dec. 98	Do.
Daniel A. Dugan	do	10 Oct. 98	Do.
William P. O'Rourke	do	do	Do.
Hjalmer K. Anzelius	do	6 Dec. 98	Pennsylvania.
Frank C. Hall	do	15 Dec. 98	Do.
Jeremiah Cottrell	do	8 Dec. 98	Maryland.
James Byrne	do	7 Nov. 98	Massachusetts.
Dwight D. Book	do	14 Oct. 98	New York.
Arthur J. Henriques	do	28 Sept. 98	Do.
George F. Thomae	do	20 Dec. 98	New Jersey.
Leonard L. Rand	24 May 98	6 Dec. 98	Massachusetts.
Spencer M. Kase	do	1 Dec. 98	California.
John Martin	do	20 Sept. 98	New York.
John J. Leary	do	24 Sept. 98	Do.
Bertrand R. T. Collins	do	22 Oct. 98	Illinois.
William F. Glover	do	3 Nov. 98	Maine.
Edward O. Holloway	25 May 98	15 Sept. 98	New Jersey.
Walter T. Camp	do	17 Sept. 98	Maine.
Dwight F. Mallory	do	3 Sept. 98	Maryland.
John E. Reeside	do	10 Oct. 98	Do.
Charles M. Newman	do	3 Sept. 98	Do.
John H. Brown	do	do	Do.
Charles H. Hall	do	9 Sept. 98	New York.
Arthur N. Kemble	do	8 Oct. 98	New Jersey.
Charles F. Long	do	do	Do.
William E. Putts	do	3 Sept. 98	Maryland.
William M. Bostick	26 May 98	3 Oct. 98	South Carolina.
Wade F. Webb	do	5 Oct. 98	Do.
Edward A. Darby	28 May 98	19 Aug. 98	Do.
William G. David	do	3 Sept. 98	New York.
Frederic Parker	do	31 Aug. 98	Massachusetts.
Erik G. Lind	do	2 Dec. 98	Do.
Harry H. Donnell	do	27 Sept. 98	Maine.
John R. Harrell	2 June 98	12 Sept. 98	Louisiana.
Robeson L. Low	4 June 98	12 Oct. 98	New York.
Thomas S. Martin	do	28 Sept. 98	North Carolina.
Samuel D. Flood	7 June 98	16 Sept. 98	Illinois.
Roy A. Morehead	do	22 Dec. 98	Do.
Price Collier	8 June 98	8 Sept. 98	New York.
John Lawrence	10 June 98	31 Aug. 98	Massachusetts.
Charles L. Smith	do	12 Dec. 98	Michigan.
Paul M. La Bach	11 June 98	6 Oct. 98	Ohio.
George I. Middleton	13 June 98	24 Dec. 98	South Carolina.
Seth D. Gibbs	15 June 98	12 Oct. 98	Georgia.
Thomas J. Turner	do	2 Sept. 98	New York.
Rochester Cuming	do	do	Do.
James H. McDonall	do	do	Do.
Morgan Walcott	do	do	Do.
Richard Trimble	do	28 Sept. 98	Do.
George R. Lauriat	17 June 98	26 Nov. 98	Massachusetts.
Louis C. Roberts	18 June 98	30 Sept. 98	Illinois.
Warren F. Purdy	do	17 Sept. 98	Do.
Louis E. Tuzo	22 June 98	13 Oct. 98	New Jersey.
Freeman Bloodgood, jr	do	9 Sept. 98	New York.
Hermann F. Cuntz	do	23 Sept. 98	Connecticut.
Stephen D. Baker	do	do	Do.
Louis F. Middlebrook	do	9 Sept. 98	Do.
Lyman Root	do	17 Sept. 98	Do.
Thomas M. Shaw	do	19 Sept. 98	California.
Louis E. Marie	23 June 98	24 Sept. 98	Pennsylvania.
Alexander W. Russell, jr	do	12 Sept. 98	Do.
George M. Heins	do	6 Sept. 98	Do.
William J. Rodgers	do	8 Sept. 98	Do.
Harry H. Smith	do	12 Sept. 98	Do.
Addison E. Morgan	27 June 98	28 Nov. 98	California.
Robert J. Baird	do	21 Oct. 98	Connecticut.

ENSIGNS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
Daniel Chase	27 June 98	22 Sept. 98	Massachusetts.
James M. Flinn	28 June 98	30 Dec. 98	Florida.
Reginald Norman	....do	6 Sept. 98	Rhode Island.
Russell Raynor	....do	8 Sept. 98	New York.
Erskine M. Dickson	....do	....do	Pennsylvania.
Plant Fitz Gerald	....do	19 Aug. 98	Florida.
Charles E. Lawton	29 June 98	24 Sept. 98	Rhode Island.
Marshall W. Hall	....do	3 Sept. 98	Do.
Lewis F. Burrough	....do	17 Sept. 98	Do.
William H. Carry	....do	14 Sept. 98	Do.
Horatio G. Dohrman	30 June 98	24 Oct. 98	Ohio.
Alfred D. Pearce	....do	19 Sept. 98	New York.
John Wichart	1 July 98	8 Sept. 98	South Carolina.
Isaac E. Relyea	....do	....do	Do.
William B. Edgar	2 July 98	23 Sept. 98	Massachusetts.
Robert T. Moffatt	....do	19 Sept. 98	Do.
Ewing W. Hamlen	....do	15 Oct. 98	Do.
William R. Wade	5 July 98	20 Sept. 98	Maine.
John T. Manier	6 July 98	19 Aug. 98	Florida.
Walter C. W. Auferman	7 July 98	12 Oct. 98	New York.
Henry H. Cushing	9 July 98	14 Nov. 98	Ohio.
John H. Potter	12 July 98	30 Dec. 98	Maine.
Samuel L. Crossing	....do	5 Oct. 98	New York.
Michael J. Hewson	13 July 98	22 Nov. 98	Pennsylvania.
Frederick P. Hill	....do	30 Sept. 98	New York.
F. Codman Ford	....do	26 Aug. 98	Louisiana.
Richard W. G. Welling	14 July 98	8 Sept. 98	New York.
Edward N. Walbridge	18 July 98	12 Oct. 98	Do.
Oscar Grillo	....do	26 Aug. 98	Louisiana.
Peter Butz	....do	....do	Do.
Donald Ferguson	....do	....do	Do.
Magnus F. S. von Loesecke	....do	8 Sept. 98	Massachusetts.
John R. Buchan	....do	8 Oct. 98	New York.
John F. Dwyer	19 July 98	7 Nov. 98	Do.
Ernest H. Gibbon	....do	29 Aug. 98	Do.
Edgar T. White	20 July 98	8 Sept. 98	Massachusetts.
Harry J. Thompson	30 July 98	10 Oct. 98	Rhode Island.
Marion E. Kreider	....do	13 Sept. 98	Illinois.
George C. Lodge	a15 Sept. 98	16 Sept. 98	Massachusetts.

NAVAL CADETS (14).

Hilary A. Herbert, jr	28 May 98	5 Dec. 98	District of Columbia.
Lorenzo B. T. Johnson	15 June 98	17 Sept. 98	Virginia.
Presley M. Rixey, jr	....do	6 Dec. 98	Do.
Louis G. Miller	21 June 98	1 Nov. 98	Ohio.
James W. Fesler	5 July 98	8 Dec. 98	Indiana.
Richard B. Creecy	8 July 98	10 Oct. 98	District of Columbia.
William C. Wise, jr	9 July 98	7 Oct. 98	New York.
Rush R. Wallace, jr	11 July 98	2 Nov. 98	Missouri.
John P. V. Gridley	14 July 98	6 Dec. 98	Pennsylvania.
Frank C. Armstrong	16 July 98	2 Nov. 98	New Jersey.
Benjamin P. Lamberton, jr	20 July 98	6 Dec. 98	District of Columbia.
Walter H. Allen	21 July 98	23 Sept. 98	Connecticut.
Grenville D. Montgomery	22 July 98	31 Oct. 98	Pennsylvania.
Reynolds Hayden	6 Aug. 98	22 Nov. 98	District of Columbia.

PASSED ASSISTANT SURGEONS (13).

Relative rank of Lieutenant.			
Gardner W. Allen	23 Apr. 98	28 Sept. 98	Massachusetts.
Sidney O. Heiskell	30 Apr. 98	9 Dec. 98	Maryland.
John P. McGowan	....do	8 Sept. 98	New York.
Delos L. Parker	9 May 98	26 Aug. 98	Michigan.
Norval H. Pierce	14 May 98	30 Sept. 98	Illinois.
Robert L. Parker	18 May 98	2 Sept. 98	New York.
Peter McGill	20 May 98	1 Dec. 98	New Jersey.
Maxwell S. Simpson	21 May 98	22 Oct. 98	Do.
John C. MacEvitt	24 May 98	9 Sept. 98	New York.
Joseph Sailer	15 July 98	12 Sept. 98	Pennsylvania.
Relative rank of Lieutenant (junior grade).			
Richard F. O'Neil	21 May 98	24 Sept. 98	Massachusetts.
James S. King	8 June 98	14 Sept. 98	New York.
Charles F. Peckham	29 June 98	20 Sept. 98	Rhode Island.

a Naval Cadet, 25 April, 1898.

ASSISTANT SURGEONS (19).

Name.	Date of appointment.	Date of discharge.	Appointed from—
Relative rank of Ensign.			
George M. Coates	25 Apr. 98	13 Oct. 98	Pennsylvania.
Anton Heger	....do	15 Sept.98	New York.
Harold A. Johnson	2 May 98	8 Sept.98	Massachusetts.
Frank S. Fielder	9 May 98	27 Sept.98	New York.
Richard E. Edes	12 May 98	18 Oct. 98	Massachusetts.
Smith H. McKim	....do	3 Oct. 98	Maryland.
Lauris B. Baldwin	14 May 98	23 Aug.98	Illinois.
T. Ogier Hutson	20 May 98	8 Sept.98	South Carolina.
John R. M. Dillon	....do	19 Sept.98	Louisiana.
Josiah M. Ward	....do	20 Sept.98	North Carolina.
Albert H. Heppner	....do	7 Nov.98	California.
Silas V. Merritt	21 May 98	13 Sept.98	Massachusetts.
Owen P. Smith	25 May 98	22 Sept.98	Maine.
Robert G. Le Conte	....do	12 Sept.98	Pennsylvania.
Frank E. Wagner	....do	20 Oct. 98	Maryland.
Albert F. Graf	17 June 98	2 Sept.98	Pennsylvania.
Thomas G. Odell	29 June98	1 Dec. 98	Utah.
William H. Tukey	27 July 98	26 Sept.98	Maine.
Philip S. Rieg	30 July 98	27 Sept.98	Ohio.

PASSED ASSISTANT PAYMASTERS (5).

Relative rank of Lieutenant.			
Arthur H. Colby *	12 May 98	12 Dec. 98	New Jersey.
Thomas Kinsey	18 May 98	2 Sept.98	Do.
William H. Fulper *	23 May 98	31 Dec. 98	Do.
William G. Barritt	17 June98	2 Sept.98	Do.
Howard E. Hinsley	....do	22 Sept.98	Do.

ASSISTANT PAYMASTERS (25).

Relative rank of Ensign.			
Alexander Brown	30 Apr. 98	2 Dec. 98	Pennsylvania.
John L. Bunce *	4 May 98	21 Nov. 98	Connecticut.
Louis M. Josephthal	12 May 98	5 Oct. 98	New York.
Arthur H. Pardington	15 May 98	17 Sept.98	Do.
Richard A. Zerega	20 May 98	11 Oct. 98	Do.
John I. Hulse	....do	....do	Louisiana.
William C. Jones	....do	....do	North Carolina.
Louis Epple	21 May 98	....do	Massachusetts.
Heman M. Burr	....do	19 Oct. 98	Do.
Ernest Carter	7 June98	17 Sept.98	New York.
Frank P. McMahon	....do	21 Nov. 98	Do.
Charles R. Wood *	....do	12 Dec. 98	Pennsylvania.
Frank B. Payne *	10 June98	21 Nov. 98	Connecticut.
Edward C. Plummer *	28 June98	....do	Maine.
Frederick L. Averill *	8 July 98	....do	Connecticut.
Frederick G. Crist	9 July 98	1 Oct. 98	California.
William H. Bell	....do	10 Oct. 98	New York.
Charles T. Bishop	12 July 98	1 Dec. 98	Rhode Island.
John A. Jameson *	....do	12 Dec. 98	Illinois.
William R. Heath *	15 July 98	21 Nov. 98	Virginia.
Louis A. Yorke	16 July 98	11 Oct. 98	North Dakota.
Isaac B. Smith *	....do	21 Nov. 98	Iowa.
Thomas B. Connery, jr. *	21 July 98	12 Dec. 98	New York.
William F. French *	....do	....do	Massachusetts.
Roland W. Bell	10 Aug. 98	21 Sept. 98	Delaware.

* Discharged; honorable discharge to be issued upon settlement of accounts.

CHIEF ENGINEERS (8).

Name.	Date of appointment.	Date of discharge.	Appointed from—
Relative rank of Lieutenant.			
John Hunter	4 May 98	2 Sept. 98	New Jersey.
Henry W. Spangler	14 May 98	8 Sept. 98	Pennsylvania.
John Walls	18 May 98	2 Sept. 98	New York.
William L. Cathcart	10 June 98	22 Oct. 98	Pennsylvania.
John Philp	15 June 98	2 Sept. 98	New York.
James Cowan	do	do	Do.
Goold H. Bull	a24 June 98	24 Dec. 98	Massachusetts.
Joseph L. Gilbert	b25 July 98	8 Sept. 98	New York.

PASSED ASSISTANT ENGINEERS (32).

Relative rank of Lieutenant.			
George W. Campbell	22 Apr. 98	4 Oct. 98	Pennsylvania.
Alfred B. Fry	30 Apr. 98	13 Sept. 98	New York.
William S. Aldrich	12 May 98	18 Oct. 98	West Virginia.
Joseph A. Scott	do	20 Dec. 98	Maryland.
Louis L. Bernier	14 May 98	1 Dec. 98	New York.
Granville Kimball	do	do	Illinois.
John MacLachlan	do	14 Sept. 98	New York.
William H. Badlam	do	31 Oct. 98	Massachusetts.
John McKernan	do	26 Sept. 98	Pennsylvania.
William D. Weaver	20 May 98	1 Dec. 98	New York.
Henry S. Pugsley	do	30 Dec. 98	Do.
Benjamin F. Hart, jr	21 May 98	do	New Jersey.
Robert E. Hall	24 May 98	9 Sept. 98	New York.
Gavin McColl	15 June 98	2 Sept. 98	Do.
William Paterson	do	do	Do.
Robert B. Dick	13 July 98	12 Sept. 98	Pennsylvania.
Relative rank of Lieutenant (junior grade).			
Charles Robinson	4 May 98	2 Sept. 98	New York.
William S. Halsey	14 May 98	7 Nov. 98	Pennsylvania.
William Joyce	18 May 98	2 Sept. 98	New York.
Perry D. Blackden	21 May 98	14 Sept. 98	Massachusetts.
David Ritchie	24 May 98	10 Oct. 98	New York.
John H. Mittendorff	25 May 98	17 Nov. 98	Maryland.
Charles A. Daigh	do	24 Dec. 98	Massachusetts.
William M. Gilman	4 June 98	6 Sept. 98	Do.
Albert Lawrence	13 June 98	7 Oct. 98	New York.
Amasa Trowbridge	22 June 98	27 Sept. 98	Connecticut.
Michael A. Chambers	23 June 98	23 Nov. 98	Massachusetts.
Edwin G. Rust	24 June 98	8 Sept. 98	Virginia.
Mahlon O. Kasson	do	19 Oct. 98	Illinois.
Fred C. Gettliffe	27 June 98	8 Sept. 98	California.
Harry P. Gray	do	do	Do.
Arthur D. Ostrander	23 July 98	22 Dec. 98	Michigan.

ASSISTANT ENGINEERS (65).

Relative rank of Lieutenant (junior grade).			
William T. Millen	15 June 98	2 Sept. 98	New Jersey.
George Cartmell	do	do	Do.
James C. Walls	do	do	New York.
Colin Campbell	22 June 98	do	Do.
Relative rank of Ensign.			
George A. Kolb	22 Apr. 98	24 Oct. 98	New York.
John Anderson	4 May 98	2 Sept. 98	New Jersey.
Charles F. Thomson	do	do	Do.
Edward S. Van Wart	do	8 Sept. 98	New York.
Oscar Anderson	do	2 Sept. 98	Do.
Albert R. Jackson	9 May 98	8 Sept. 98	Massachusetts.
Frank W. Roller	12 May 98	31 Oct. 98	New York.
Lucius T. Gibbs	do	2 Nov. 98	Do.
William E. Dobbins	do	26 Sept. 98	Massachusetts.
Charles F. Taylor	do	2 Nov. 98	New Jersey.
Arthur L. Robinson	14 May 98	22 Dec. 98	Kentucky.
John R. Bertolett	do	do	Pennsylvania.

a Passed Assistant Engineer, 23 April, 1898.
b Passed Assistant Engineer, 9 May, 1898.

ASSISTANT ENGINEERS—Continued.

Name.	Date of appointment.	Date of discharge.	Appointed from—
Relative rank of Ensign—Continued.			
David J. Jenkins	14 May 98	29 Oct. 98	Pennsylvania.
Morris L. Cooke	do	23 Sept. 98	Do.
Herbert H. Morrison	do	5 Oct. 98	New York.
Nelson Macy	do	18 Oct. 98	Do.
John W. Gilmore	do	17 Sept. 98	Do.
James E. Hanley	do	2 Nov. 98	Do.
Louis B. Craig	do	24 Dec. 98	Iowa.
Thaddeus C. Dunlap	do	do	Ohio.
John M. Hite	do	22 Dec. 98	Maryland.
John Carstairs	18 May 98	2 Sept. 98	New York.
Michael McGinn	do	do	Pennsylvania.
Richard P. Browne	20 May 98	26 Sept. 98	Minnesota.
Richard C. Wilson	do	15 Sept. 98	Louisiana.
Walter A. Furlong	do	30 Sept. 98	North Carolina.
Harold W. Anderson	21 May 98	8 Oct. 98	New Jersey.
James Quilty	24 May 98	10 Nov. 98	New York.
Samuel P. Hinckley	25 May 98	19 Sept. 98	Maine.
Wyman G. Hawthorne	do	24 Dec. 98	New York.
William H. Touchstone	26 May 98	24 Sept. 98	South Carolina.
Martin H. Gerry	1 June 98	16 Nov. 98	Minnesota.
David M. Berry	3 June 98	7 Nov. 98	California.
Walter Kessler	do	5 Oct. 98	Indiana.
John F. Morris	do	31 Oct. 98	Pennsylvania.
Theodore Dimon	do	do	New York.
McCall Pate	do	do	South Carolina.
Clifford G. Woolson	do	27 Oct. 98	New Jersey.
Charles H. Treat	do	31 Oct. 98	New York.
Edwin G. Davis	do	10 Oct. 98	Massachusetts.
Austin D. Houghton	7 June 98	4 Nov. 98	Georgia.
Charles H. Kretz	15 June 98	7 Nov. 98	Louisiana.
William H. Mason	17 June 98	2 Nov. 98	West Virginia.
John V. Miller	20 June 98	1 Sept. 98	Ohio.
Frederick J. Simmonds	do	22 Dec. 98	Virginia.
Frederick C. Spencer	22 June 98	26 Aug. 98	Connecticut.
Rudolph E. Bruckner	do	28 Oct. 98	New Jersey.
Sanford K. Kenower	do	10 Nov. 98	Indiana.
George F. D. Rollings	do	do	District of Columbia.
Joseph E. Johnson, jr	24 June 98	1 Nov. 98	Virginia.
Jere R. Daniell	do	19 Sept. 98	New Hampshire.
William Goodman	25 June 98	31 Oct. 98	Ohio.
Alfred E. Williams	27 June 98	26 Nov. 98	California.
Henry Guttin	29 June 98	1 Nov. 98	New York.
David C. Young	do	20 Dec. 98	Minnesota.
Erskine H. Cox	6 July 98	29 Dec. 98	Pennsylvania.
Charles M. Howe	14 July 98	do	Illinois.
Cloyd M. Chapman	25 July 98	17 Nov. 98	Ohio.
William A. Gordon	27 July 98	19 Nov. 98	Iowa.
Frank J. Borie	do	29 Oct. 98	Delaware.
James S. Jefferson	29 July 98	28 Sept. 98	Pennsylvania.

CARPENTERS (3).

Allan Galletly	23 Apr. 98	2 Sept. 98	Pennsylvania.
John L. Purple	3 May 98	8 Sept. 98	New York.
George Dale	21 June 98	2 Sept. 98	Do.

WARRANT MACHINISTS (15).

Name.	Date of appointment.	Date of discharge.	Appointed from—
Samuel Round	18 May 98	2 Sept. 98	New Jersey.
Vernon F. Preston	do	do	New York.
James Campbell	do	do	Do.
Archibald Jeffrey	do	do	Do.
James Lang	do	do	Do.
John W. Miles	do	do	Do.
George Cotsell	15 June 98	do	Do.
James A. Alderoft	do	do	Do.
H. D. Haverfield	do	do	Pennsylvania.
Alexander F. Thomson	do	do	New Jersey.
Edwin R. Killgore	do	do	California.
Oskar Hofstrand	do	do	New York.
James W. Beynon	do	do	New Jersey.
David G. Findlay	do	do	New York.
Henry Black	22 June 98	do	Do.

MATES (14).

Philip L. Cosgrove, jr	10 Apr. 98	17 Oct. 98	Florida.
Bent A. Benson	12 Apr. 98	8 Sept. 98	New York.
John Peterson	15 Apr. 98	11 Nov. 98	Florida.
Willoughby H. Keeling	2 May 98	13 Sept. 98	Texas.
Charles A. Elwell	12 May 98	29 Aug. 98	Massachusetts.
John M. Murray	19 June 98	1 Nov. 98	South Carolina.
William F. Burke	22 June 98	9 Sept. 98	California.
Jesse M. Squier	do	13 Sept. 98	Do.
William G. Morrison	do	8 Sept. 98	Do.
George E. Kammerer	do	do	Do.
Albert H. Elliott	25 June 98	9 Sept. 98	Do.
John O'Brien	do	28 Oct. 98	South Carolina.
William H. E. Von Harten	do	15 Sept. 98	Do.
Herbert G. Porter	27 July 98	10 Oct. 98	Massachusetts.

SECOND LIEUTENANTS OF MARINES (9).

Oliver C. Hine	20 May 98	31 Dec. 98	District of Columbia.
Mauchlin Niven	do	do	New York.
Robert E. Carmody	26 May 98	do	Do.
Beverly C. Mosby	7 July 98	do	Utah.
Robert E. Devlin	25 July 98	do	New York.
Frederic H. Delano	2 Aug. 98	do	Do.
Frederick L. Bradman	do	do	Massachusetts.
William H. Parker	8 Aug. 98	do	District of Columbia.
Albert H. Church	do	do	Connecticut.

DISCHARGED (4).

Lieutenant Louis V. Housel	25 May 98	13 Sept. 98	Kansas.
Assistant Surgeon Charles N. Barney	22 May 98	15 Sept. 98	Massachusetts.
Assistant Paymaster J. Morton Riggs	9 June 98	2 Sept. 98	New York.
Warrant Machinist Timothy Hayden	15 June 98	6 Aug. 98	New Jersey.

MARINE CORPS (1).

Second Lieutenant Frank A. Kinne	25 July 98	10 Nov. 98	California.

DROPPED (2).

Name.	Date of appointment.	Date of discharge.	Appointed from—
Ensign Henry E. Williams	2 June 98	24 June 98	New York.
Warrant Machinist Robert Logan	22 June 98	9 Aug. 98	Massachusetts.

COMMISSION EXPIRED (1).

Ensign Daniel Chase	20 May 98	21 June 98	Massachusetts.

STATIONS.

STATIONS.

NORTH ATLANTIC STATION.

Rear-Admiral WILLIAM T. SAMPSON, Commanding.
Captain FRENCH E. CHADWICK, Chief of Staff.
Lieutenant SIDNEY A. STAUNTON, Assistant Chief of Staff.
Ensign ERNEST L. BENNETT, Flag Lieutenant.

NEW YORK.

Armored cruiser, 18 guns, 8,200 tons, 17,401 horsepower, twin screws.

Signal No.

48. Captain French E. Chadwick, Commanding.
176. Lieutenant-Commander William P. Potter.
250. Lieutenant Henry H. Barroll.
388. Lieutenant Augustus C. Almy.
436. Lieutenant Edward E. Capehart.
517. Lieutenant (junior grade) Frank Marble.
691. Ensign Leigh C. Palmer.
708. Naval Cadet Harlan P. Perrill.
730. Naval Cadet Oscar D. Duncan.
737. Naval Cadet Alfred C. Owen.
750. Naval Cadet Charles Boone.
755. Naval Cadet Zeno E. Briggs.
874. Medical Inspector Charles U. Gravatt.
931. Passed Assistant Surgeon Thomas A. Berryhill.
993. Assistant Surgeon Raymond Spear.
1065. Pay Inspector Arthur Burtis (fleet).
1221. Chief Engineer Robert W. Milligan.
1289. Passed Assistant Engineer Kenneth McAlpine.
1353. Assistant Engineer Henry T. Baker.
1378. Assistant Engineer George B. Rice.
1383. Naval Cadet (engineer division) Louis C. Richardson.
1401. Naval Cadet (engineer division) John S. Graham.
1457. Chaplain Alfred L. Royce.
2015. Captain of Marines Erastus R. Robinson.
—— Second Lieutenant of Marines Smedley D. Butler.
1613. Boatswain Philip Mullen.
1702. Acting Gunner George P. Brady.
1759. Carpenter James I. Haley.

ALVARADO.

Gunboat, 100 tons, single screw, 500 horsepower.

510. Lieutenant (junior grade) Victor Blue, Commanding.
747. Naval Cadet James A. Hand, jr.

ARETHUSA.

Steamer, 1,357 tons.

88. Commander John F. Merry, Commanding.
311. Lieutenant Harry M. Hodges.
—— Ensign Custis P. Upshur.
—— Ensign Julius M. Dashiell.
—— Ensign Charles A. Thompson.
—— Assistant Surgeon George F. Freeman.
—— Assistant Paymaster Eugene F. Hall.
1315. Passed Assistant Engineer Louis M. Nulton.

BROOKLYN.

Armored cruiser, 20 guns, 9,215 tons, 18,769 horsepower, twin screws.

38. Captain Francis A. Cook, Commanding.
181. Lieutenant-Commander Newton E. Mason.
295. Lieutenant Albon C. Hodgson.
368. Lieutenant William R. Rush.
418. Lieutenant Edward Simpson.
446. Lieutenant James G. Doyle.
636. Ensign Charles Webster.
685. Ensign Andrew E. Kalbach.
693. Ensign Arthur MacArthur, jr.

Signal No.

724. Naval Cadet David F. Boyd, jr.
726. Naval Cadet Walter N. Falconer.
732. Naval Cadet Robert W. Henderson.
746. Naval Cadet Ralph N. Marble, jr.
753. Naval Cadet William P. Cronan.
754. Naval Cadet Ulysses S. Macy.
758. Naval Cadet Clarence A. Abele.
875. Medical Inspector-Paul Fitzsimons.
964. Passed Assistant Surgeon Charles M. DeValin.
1080. Paymaster Ichabod G. Hobbs.
1214. Chief Engineer Ralph Aston.
1296. Passed Assistant Engineer Albert Moritz.
1342. Assistant Engineer John P. J. Ryan.
1371. Assistant Engineer Edward T. Fitzgerald.
1393. Naval Cadet (engineer division) Fletcher L. Sheffield.
1398. Naval Cadet (engineer division) William B. Wells.
1471. Chaplain William T. Helms.
2025. Captain of Marines Paul St. C. Murphy.
—— Second Lieutenant of Marines William B. Lemly.
1594. Boatswain William L. Hill.
1685. Gunner Franklin T. Applegate.
1745. Carpenter George H. Warford.

CASTINE.

Gunboat, 8 guns, 1,177 tons, 2,199 horsepower, twin screws.

100. Commander Robert M. Berry, Commanding.
276. Lieutenant Henry Morrell.
359. Lieutenant William V. Bronaugh.
518. Lieutenant (junior grade) Ashley H. Robertson.
533. Lieutenant (junior grade) Herbert G. Gates.
558. Ensign Matt H. Signor.
967. Passed Assistant Surgeon Henry D. Wilson.
1154. Assistant Paymaster Webb V. H. Rose.
1301. Passed Assistant Engineer Robert B. Higgins.

CHICAGO.

Protected cruiser, 18 guns, 4,500 tons, 9,000 horsepower, twin screws.

33. Captain, Philip H. Cooper, Commanding.
195. Lieutenant-Commander Charles E. Colahan.
325. Lieutenant Waldemar D. Rose.
358. Lieutenant William S. Benson.
415. Lieutenant William Truxton.
464. Lieutenant (junior grade) Hilary P. Jones, jr.
550. Ensign Philip Williams.
559. Ensign William H. Buck.
748. Naval Cadet Lyman A. Cotten.
749. Naval Cadet Edward Woods.
886. Surgeon Howard Wells.
1005. Assistant Surgeon James R. Whiting.
1102. Paymaster Richard T. M. Ball.
1236. Chief Engineer Albert F. Dixon.
1314. Passed Assistant Engineer Herman O. Stickney.
1368. Assistant Engineer Thomas D. Parker.
1468. Chaplain Harry W. Jones.
2036. First Lieutenant of Marines George Barnett.
1629. Acting Boatswain Charles Wouters.
1703. Acting Gunner Hans Johnsen.
1768. Acting Carpenter Clarence L. Bennett.

CINCINNATI.

Protected cruiser, 11 guns, 3,213 tons, 10,000 horsepower, twin screws.

Signal No.
46. Captain Colby M. Chester, Commanding.
191. Lieutenant-Commander Edward B. Barry.
269. Lieutenant Charles J. Badger.
435. Lieutenant John A. Hoogewerff.
592. Ensign William D. Brotherton.
644. Ensign Fritz L. Sandoz.
751. Naval Cadet Edward W. McIntyre.
759. Naval Cadet Yancey S. Williams.
919. Surgeon John M. Edgar.
—— Assistant Surgeon Henry A. Dunn.
1117. Passed Assistant Paymaster Henry E. Jewett.
1245. Chief Engineer John R. Edwards.
1305. Passed Assistant Engineer William C. Herbert.
1340. Assistant Engineer Emmet R. Pollock.
1364. Assistant Engineer Frederic N. Freeman.
2042. First Lieutenant of Marines John A. Lejeune.
1692. Gunner Myles Joyce.
1758. Carpenter Charles S. Taylor.

DETROIT.

Unprotected cruiser, 10 guns, 2,089 tons, 5,227 horsepower, twin screws.

92. Commander James H. Dayton, Commanding.
223. Lieutenant Herman F. Fickbohm.
322. Lieutenant Charles C. Rogers.
432. Lieutenant Lewis J. Clark.
472. Lieutenant (junior grade) Volney O. Chase.
—— Ensign John H. A. Day.
962. Passed Assistant Surgeon Middleton S. Guest.
1115. Paymaster Frank T. Arms.
1246. Chief Engineer Stacy Potts.
1363. Assistant Engineer Franklin D. Karns.
1776. Acting Carpenter Benjamin D. Pender.

HIST.

Yacht, *a* 6 guns, 472 tons, 500 horsepower, single screw.

257. Lieutenant Lucien Young, Commanding.
—— Lieutenant (junior grade) Felix H. Hunicke.
—— Ensign George W. Ryan.
716. Naval Cadet Thomas C. Hart.
1157. Assistant Paymaster Charles Morris, jr.
1333. Assistant Engineer Edward S. Kellogg.
1776. Acting Carpenter Benjamin D. Pender.

INDIANA (1st rate).

First-class battle ship, 16 guns, 10,288 tons, 9,738 horsepower, twin screws.

28. Captain Henry C. Taylor, Commanding.
169. Lieutenant-Commander John A. Rodgers.
292. Lieutenant Cameron McR. Winslow.
333. Lieutenant Richard Henderson.
383. Lieutenant William P. White.
437. Lieutenant Henry B Wilson.
454. Lieutenant Frederick L. Chapin.
512. Lieutenant (junior grade) Thomas Washington.
574. Ensign Reginald R. Belknap.
731. Naval Cadet Arthur St. C. Smith, jr.
734. Naval Cadet Charles T. Owens.
893. Surgeon Lucien G. Heneberger.
986. Assistant Surgeon George D. Costigan.
1091. Paymaster Reah Frazer.
—— Passed Assistant Engineer Carl M. Green.
1370. Assistant Engineer Gatewood S. Lincoln.
1348. Assistant Engineer Roscoe C. Moody.
1389. Naval Cadet (engineer division) Ernest C. Keenan.
1469. Chaplain William G. Cassard.
2033. Captain of Marines Charles A. Doyen.
—— Second Lieutenant of Marines Charles S. Hatch.
1618. Acting Boatswain John J. Rochfort.
1684. Gunner George L. Mallery.
1760. Carpenter George W. A. Bailey.

MACHIAS.

Gunboat, 8 guns, 1,177 tons, 2,046 horsepower, twin screws.

138. Commander Leavitt C. Logan, Commanding.
252. Lieutenant Henry McCrea.

Signal No.
354. Lieutenant Albert W. Grant.
375. Lieutenant Richard M. Hughes.
549. Ensign Charles A. Brand.
576. Ensign Arthur L. Willard.
597. Ensign Frederick L. Sawyer.
979. Passed Assistant Surgeon Theodore W. Richards.
1139. Assistant Paymaster Walter B. Izard.
1304. Passed Assistant Engineer Charles W. Dyson.

MARBLEHEAD.

Unprotected cruiser, 10 guns, 2,089 tons, 5,451 horsepower, twin screws.

76. Commander William W. Mead, Commanding.
203. Lieutenant-Commander John A. H. Nickels.
294. Lieutenant York Noel.
564. Ensign Franklin B. Sullivan.
626. Ensign Christopher C. Fewel.
631. Ensign Alfred A. Pratt.
956. Passed Assistant Surgeon Sheldon G. Evans.
1121. Passed Assistant Paymaster Henry A. Dent.
1253. Chief Engineer George S. Willits.
1390. Naval Cadet (engineer division) George Van Orden.
1771. Acting Carpenter Axel L. Sundqvist.

MARIETTA.

Composite gunboat, 6 guns, 1,000 tons, 1,054 horsepower twin screws.

126. Commander Frederick M. Symonds, Commanding.
312. Lieutenant William B. Caperton.
527. Lieutenant (junior grade) Henry K. Benham.
532. Lieutenant (junior grade) Frederick B. Bassett.
573. Ensign John R. Edie.
633. Ensign Ridley McLean.
947. Passed Assistant Surgeon George Rothganger.
1153. Assistant Paymaster Harrison L. Robins.
1298. Passed Assistant Engineer William H. Chambers.
1773. Acting Carpenter Thomas W. Richards.

MASSACHUSETTS (1st rate).

First-class battle ship, 16 guns, 10,288 tons, 10,403 horsepower, twin screws.

43. Captain Nicoll Ludlow, Commanding.
152. Lieutenant-Commander Seaton Schroeder.
315. Lieutenant Templin M. Potts.
336. Lieutenant Richard T. Mulligan.
439. Lieutenant Spencer S. Wood.
702. Ensign Roland I. Curtin.
710. Naval Cadet David E. Theleen.
760. Naval Cadet Thomas L. Johnson.
763. Naval Cadet Franck T. Evans.
895. Surgeon Samuel H. Dickson.
998. Assistant Surgeon Edgar Thompson.
1084. Paymaster Lawrence G. Boggs.
1233. Chief Engineer Warner B. Bayley.
1350. Assistant Engineer Ralph H. Chappell.
1392. Naval Cadet (engineer division) Herman J. Elson.
1396. Naval Cadet (engineer division) Louis Shane.
1462. Chaplain Walter G. Isaacs.
2029. Captain of Marines Thomas N. Wood.
—— Second Lieutenant of Marines Melville D. Chapman.
1598. Boatswain Stephen McCarthy.
1694. Acting Gunner David Lyons.
1727. Carpenter John S. Waltemeyer.

MAYFLOWER.

Steamer, 2 guns, 2,690 tons, 4,700 horsepower, twin screws.

93. Commander Morris R. S. Mackenzie, Commanding.
320. Lieutenant Abraham E. Culver.
539. Ensign William V. Pratt.
593. Ensign James F. Carter.
600. Ensign Charles T. Jewell.
675. Ensign Albion J. Wadhams.
912. Surgeon Samuel H. Griffith.
—— Assistant Paymaster Howard P. Ash.
1264. Chief Engineer Robert S. Griffin.

a Secondary battery.

MONTGOMERY.

Unprotected cruiser, 10 guns, 2,089 tons, 5,580 horsepower, twin screws.

Signal No.
68. Commander George A. Converse, Commanding.
247. Lieutenant Francis E. Greene.
286. Lieutenant Hamilton Hutchins.
449. Lieutenant Wiley R. M. Field.
544. Ensign Louis R. de Steiguer.
651. Ensign Roscoe Spear.
656. Ensign Robert H. Osborn.
920. Surgeon Lloyd W. Curtis.
1132. Passed Assistant Paymaster Edmund W. Bonnaffon.
1229. Chief Engineer George Cowie.
1334. Assistant Engineer David V. H. Allen.
1388. Naval Cadet (engineer division) George Webber.

NASHVILLE.

Light-draft gunboat, 8 guns, 1,371 tons, 2,536 horsepower, twin screws.

90. Commander Washburn Maynard, Commanding.
229. Lieutenant Albert C. Dillingham.
365. Lieutenant John G. Quinby.
541. Ensign Thomas P. Magruder.
580. Ensign Henry C. Kuenzli.
647. Ensign Carlton F. Snow.
988. Assistant Surgeon Frank L. Pleadwell.
1135. Assistant Paymaster Timothy S. O'Leary.
1256. Chief Engineer Edward R. Freeman.
1295. Passed Assistant Engineer Martin A. Anderson.
1775. Acting Carpenter William E. Powell.

NEWARK.

Protected cruiser, 12 guns, 4,098 tons, 8,869 horsepower, twin screws.

53. Captain Caspar F. Goodrich, Commanding.
211. Lieutenant-Commander William F. Low.
235. Lieutenant John B. Milton.
297. Lieutenant William G. Cutler.
402. Lieutenant John H. Gibbons.
505. Lieutenant (junior grade) Henry F. Bryan.
—— Ensign Albert Houston.
712. Naval Cadet Needham L. Jones.
885. Surgeon George E. H. Harmon.
1000. Assistant Surgeon Elon O. Huntington.
1109. Paymaster George W. Simpson.
1216. Chief Engineer Henry S. Ross.
1309. Passed Assistant Engineer Charles H. Hayes.
—— Passed Assistant Engineer Albert J. Mickley.
—— Assistant Engineer William D. Edwards.
2051. First Lieutenant of Marines Edward R. Lowndes.
1621. Acting Boatswain George B. Moncrief.
1698. Acting Gunner Clifford H. Sheldon.
1750. Carpenter John T. S. Miller.

NEW ORLEANS.

Protected cruiser, 10 guns, 3,437 tons, 7,500 horsepower, twin screws.

56. Captain William M. Folger, Commanding.
187. Lieutenant-Commander William P. Day.
289. Lieutenant William R. A. Rooney.
334. Lieutenant Thomas D. Griffin.
745. Naval Cadet Wilber G. Briggs.
757. Naval Cadet William T. Tarrant.
923. Surgeon Frederick J. B. Cordeiro.
1110. Paymaster Harry R. Sullivan.
1259. Chief Engineer Edgar T. Warburton.
1345. Assistant Engineer John M. Hudgins.
1377. Assistant Engineer Pope Washington.
2045. First Lieutenant of Marines Theodore P. Kane.
1622. Acting Boatswain Hugh J. Duffy.
1695. Acting Gunner Theodore B. Watson.
1766. Acting Carpenter Frank H. Preble.

PRINCETON.

Composite gunboat, 6 guns, 1,000 tons, 800 horsepower single screw.

Signal No.
113. Commander Clifford H. West, Commanding.
287. Lieutenant John M. Bowyer.
363. Lieutenant Simon Cook.
481. Lieutenant (junior grade) Armistead Rust.
590. Ensign Richard H. Leigh.
516. Ensign Lake McNamee.
068. Ensign James Flinn.
946. Passed Assistant Surgeon Charles H. T. Lowndes.
1148. Assistant Paymaster George P. Dyer.
1316. Passed Assistant Engineer John B. Patton.

SANDOVAL.

Gunboat, 2 guns, 100 tons, 137 horsepower, single screw.

444. Lieutenant Edwin A. Anderson, Commanding.
—— Ensign Franklin B. Harwood.

SCORPION.

Yacht, *a* 8 guns, 850 tons, 2,800 horsepower, twin screws.

193. Lieutenant-Commander William H. Turner, Commanding.
329. Lieutenant James C. Gillmore.
589. Ensign Charles F. Preston.
681. Ensign Jonas H. Holden.
689. Ensign Wat T. Cluverius, jr.
996. Assistant Surgeon Edward V. Armstrong.
—— Assistant Paymaster Edmund B. Iglehart.
1281. Passed Assistant Engineer Samuel H. Leonard, jr.

TEXAS.

Second-class battle ship, 8 guns, 6,315 tons, 8,610 horse power, twin screws.

44. Captain Charles D. Sigsbee, Commanding.
178. Lieutenant-Commander Giles B. Harber.
220. Lieutenant Lewis C. Heilner.
410. Lieutenant Harry Phelps.
480. Lieutenant (junior grade) Harrison A. Bispham.
499. Lieutenant (junior grade) Mark L. Bristol.
632. Ensign Irvin V. Gillis.
713. Naval Cadet William H. Reynolds.
720. Naval Cadet Gilbert Chase.
725. Naval Cadet Frederick R. Holman.
764. Naval Cadet Morris H. Brown.
914. Surgeon Clement Biddle.
987. Assistant Surgeon Middleton S. Elliott.
1105. Paymaster John S. Carpenter.
1220. Chief Engineer Alexander B. Bates.
1321. Passed Assistant Engineer Doctor E. Dismukes.
1344. Assistant Engineer Chester Wells.
1347. Assistant Engineer Alfred W. Hinds.
1387. Naval Cadet (engineer division) William D. Leahy
2055. First Lieutenant of Marines Cyrus S. Radford.
1609. Boatswain John F. Brooks.
1672. Gunner Francis Martin.
1767. Acting Carpenter Alfred R. Mackie.

TOPEKA.

Gunboat, 6 guns, 1,700 tons, 2,000 horsepower, single screw.

140. Commander William S. Cowles, Commanding.
251. Lieutenant William E. Sewell.
389. Lieutenant John Hood.
497. Lieutenant (junior grade) Edward T. Witherspoon.
508. Lieutenant (junior grade) Archibald H. Scales.
569. Ensign John H. Dayton.
595. Ensign George C. Day.
619. Ensign William K. Gise.
972. Passed Assistant Surgeon Charles E. Riggs.
1144. Assistant Paymaster Arthur F. Huntington.
1240. Chief Engineer Robert G. Denig.

a Secondary battery.

PACIFIC STATION.

Commodore ALBERT KAUTZ, Commanding.
Lieutenant WILLIAM G. MILLER, Flag Lieutenant.
Ensign DAVID F. SELLERS, Secretary.

PHILADELPHIA.

Protected cruiser, 12 guns, 4,324 tons, 8,815 horsepower, twin screws.

Signal No.

62. Commander Edwin White, Commanding.
179. Lieutenant-Commander Thomas H. Stevens.
355. Lieutenant Philip V. Lansdale.
440. Lieutenant Guy W. Brown.
455. Lieutenant Harry A. Field.
509. Lieutenant (junior grade) Ford H. Brown.
669. Ensign John R. Monaghan.
761. Naval Cadet George T. Pettingill.
762. Naval Cadet George C. Sweet.
765. Naval Cadet David C. Hanrahan.
766. Naval Cadet John F. Babcock.
870. Medical Inspector Dwight Dickinson.
949. Passed Assistant Surgeon George A. Lung.
—— Assistant Surgeon Henry E. Odell.
1087. Paymaster Josiah R. Stanton.
1222. Chief Engineer Albert C. Engard.
1311. Passed Assistant Engineer William W. Bush.
—— Passed Assistant Engineer Charles A. McAllister.
—— Assistant Engineer Thomas W. Clark.
—— Assistant Engineer Norris K. Davis.
1454. Chaplain Adam A. McAlister.
2039. First Lieutenant of Marines Con M. Perkins.
1624. Acting Boatswain John S. Croghan.
1705. Acting Gunner Charles E. Jaffe.
1763. Acting Carpenter Joseph A. Barton.

BADGER.

Cruiser, 6 guns, 4,784 tons, 3,200 horsepower, single screw.

Signal No.

130. Commander James M. Miller, Commanding.
314. Lieutenant Henry C. Gearing.
235. Lieutenant John B. Milton.
334. Lieutenant Thomas D. Griffin.
599. Ensign John R. Y. Blakely.
607. Ensign Yates Stirling, jr.
925. Surgeon Oliver D. Norton.
—— Assistant Paymaster Warren L. Sawyer.
—— Chief Engineer Robert S. Paul.
1584. Boatswain William A. Cooper.
1757. Carpenter Joseph A. O'Connor.

YORKTOWN.

Gunboat, 6 guns, 1,710 tons, 3,392 horsepower, twin screws.

94. Commander Charles S. Sperry, Commanding.
242. Lieutenant Chauncey Thomas.
335. Lieutenant Henry Minett.
380. Lieutenant George R. Clark.
672. Ensign William H. Standley.
686. Ensign Daniel W. Wurtsbaugh.
695. Ensign Dudley W. Knox.
953. Passed Assistant Surgeon Robert M. Kennedy.
1159. Assistant Paymaster Frederick K. Perkins.
1247. Chief Engineer Henry T. Cleaver.
—— Assistant Engineer James F. Snow.
—— Assistant Engineer James R. Selfridge.

ASIATIC STATION.

Rear-Admiral GEORGE DEWEY, Commanding.
Lieutenant THOMAS M. BRUMBY, Flag Secretary.
Ensign HARRY H. CALDWELL, Secretary.

OLYMPIA.

Protected cruiser, 14 guns, 5,870 tons, 17,313 horsepower, twin screws.

49. Captain Benjamin P. Lamberton, Commanding.
227. Lieutenant Charles E. Vreeland.
357. Lieutenant Valentine S. Nelson.
367. Lieutenant Percival J. Werlich.
414. Lieutenant Albert P. Niblack.
562. Ensign Montgomery M. Taylor.
627. Ensign Frank B. Upham.
641. Ensign William P. Scott.
646. Ensign Arthur G. Kavanagh.
668. Ensign Henry V. Butler.
739. Naval Cadet Irwin F. Landis.
866. Medical Inspector Abel F. Price (fleet).
961. Passed Assistant Surgeon John E. Page.
989. Assistant Surgeon Dudley N. Carpenter.
1071. Pay Inspector Daniel A. Smith (fleet).
1219. Chief Engineer John D. Ford (fleet).
1357. Assistant Engineer Edwin H. DeLany.
1365. Assistant Engineer John F. Marshall, jr.
1464. Chaplain William H. I. Reaney.
2023. Captain of Marines Otway C. Berryman.
1708. Acting Gunner Andrew Olsson.
1818. Pharmacist Alrik Hammar.

BALTIMORE.

Protected cruiser, 10 guns, 4,413 tons, 10,064 horsepower, twin screws.

45. Captain Nehemiah M. Dyer, Commanding.
184. Lieutenant-Commander John B. Briggs.
249. Lieutenant William P. Elliott.
284. Lieutenant Frank H. Holmes.
407. Lieutenant Frank W. Kellogg.
452. Lieutenant John M. Ellicott.
478. Lieutenant (junior grade) Charles S. Stanworth.
525. Lieutenant (junior grade) George N. Hayward.
583. Ensign Noble E. Irwin.
679. Ensign Michael J. McCormack.
872. Medical Inspector John C. Wise.
994. Assistant Surgeon Joseph C. Thompson.
1094. Paymaster Arthur Peterson.
1252. Chief Engineer Frank H. Bailey.
1313. Passed Assistant Engineer Edward L. Beach.
1355. Assistant Engineer Hutch I. Cone.
1376. Assistant Engineer William L. Littlefield.
2057. First Lieutenant of Marines Dion Williams.
1616. Acting Boatswain Henry R. Brayton.
1686. Gunner Louis J. Connelly.
1746. Carpenter Otto Barth.

BARCELO.

715. Naval Cadet William R. White, commanding.

BENNINGTON.

Gunboat, 6 guns, 1,710 tons, 3,436 horsepower, twin screws.

142. Commander Edward D. Taussig, Commanding.
278. Lieutenant Charles B. T. Moore.
616. Ensign Edward H. Campbell.
649. Ensign Roscoe C. Bulmer.
655. Ensign William S. Whitted.
658. Ensign George E. Gelm.
687. Ensign Ivan C. Wettengel.
970. Passed Assistant Surgeon Brownlee R. Ward.
1128. Passed Assistant Paymaster Barron P. Du Bois.
1267. Passed Assistant Engineer Howard Gage.
1356. Assistant Engineer Emory Winship.

BOSTON.

Protected cruiser, 8 guns, 3,000 tons, 4,030 horsepower, single screw.

Signal No.

59. Captain George F. F. Wilde, Commanding.
198. Lieutenant-Commander John A. Norris.
291. Lieutenant Bernard O. Scott.
398. Lieutenant John Gibson.
448. Lieutenant William L. Howard.
526. Lieutenant (junior grade) Samuel S. Robison.
567. Ensign Lay H. Everhart.
581. Ensign Henry H. Hough.
927. Surgeon Louis W. Atlee.
984. Assistant Surgeon Robert S. Blakeman.
1097. Paymaster John R Martin.
1211. Chief Engineer George B. Ransom.
1349. Assistant Engineer Leland F. James.
—— Assistant Engineer Julius I. Wile.
—— Assistant Engineer William L. Walker.
—— Assistant Engineer Gilbert Bloss.
2050. First Lieutenant of Marines Robert McM. Dutton.
1693. Acting Gunner Levin J. Wallace.
1761. Acting Carpenter William Boone.

BRUTUS.

Collier, *a* 2 guns, 1,200 horsepower, single screw.

263. Lieutenant Vincendon L. Cottman, Commanding.
—— Lieutenant (junior grade) John T. McMillan.
—— Ensign Williamson Dunn.
—— Assistant Surgeon Chauncey R. Burr.
1328. Passed Assistant Engineer Armin Hartrath.

BUFFALO.

Cruiser, 6 guns, 6,888 tons, 3,600 horsepower, single screw.

104. Commander Joseph N. Hemphill, Commanding.
270. Lieutenant Samuel W. B. Diehl.
503. Lieutenant (junior grade) George W. Logan.
560. Ensign George W. Williams.
575. Ensign De Witt Blamer.
605. Ensign Fred R. Payne.
615. Ensign Eugene L. Bisset.
622. Ensign Orton P. Jackson.
756. Naval Cadet Water B. Tardy.
767. Naval Cadet Charles P. Nelson.
928. Surgeon Isaac W. Kite.
934. Passed Assistant Surgeon George M. Pickrell.
1008. Assistant Surgeon Daniel G. Beebe.
1140. Assistant Paymaster David Potter.
1266. Chief Engineer Frederick C. Bieg.
—— Assistant Engineer Lee D. Fisher.
—— Assistant Engineer George B. Massey.
—— Assistant Engineer William E. Dickey.
2068. Second Lieutenant of Marines Louis J. Magill.
2069. Second Lieutenant of Marines Melville J. Shaw.
1625. Acting Boatswain Timothy Sullivan.
1706. Acting Gunner Samuel Chiles.

CALLAO.

Gunboat, *a* 4 guns, 250 horsepower, twin screws.

324. Lieutenant Benjamin Tappan, Commanding.
543. Ensign George B. Bradshaw.
—— Assistant Engineer Albert D. Brown.

CHARLESTON.

Protected cruiser, 8 guns, 3,730 tons, 6,666 horsepower, twin screws.

51. Captain William H. Whiting, Commanding.
171. Lieutenant-Commander Gottfried Blocklinger.
337. Lieutenant William Braunersreuther.
360. Lieutenant Frank M. Bostwick.
473. Lieutenant (junior grade) George R. Slocum.
487. Lieutenant (junior grade) Robert E. Coontz.
571. Ensign William A. Moffett.
584. Ensign Waldo Evans.
915. Surgeon Henry T. Percy.
976. Passed Assistant Surgeon Ammen Farenholt.
1113. Paymaster James S. Phillips.
1226. Chief Engineer Richard Inch.
1308. Passed Assistant Engineer Josiah S. McKean.
1369. Assistant Engineer Charles L. Leiper.
1373. Assistant Engineer Albert W. Marshall.
1379. Assistant Engineer James B. Henry, jr.

Signal No.

—— Assistant Engineer Harry E. Middleton.
2067. Second Lieutenant of Marines John T. Myers.
1604. Boatswain Dominick Glynn.
1659. Gunner Arthur A. Phelps.
1762. Acting Carpenter John H. Gill.

CONCORD.

Gunboat, 6 guns, 1,710 tons, 3,405 horsepower, twin screws.

83. Commander Asa Walker, Commanding.
194. Lieutenant-Commander George P. Colvocoresses.
266. Lieutenant Thomas B. Howard.
411. Lieutenant Patrick W. Hourigan
484. Lieutenant (junior grade) Charles M. McCormick.
546. Ensign Louis A. Kaiser.
662. Ensign William C. Davidson.
678. Ensign Orlo S. Knepper.
974. Passed Assistant Surgeon Richard G. Brodrick.
—— Assistant Paymaster Louis Poessel.
1262. Chief Engineer Reynold T. Hall.
1310. Passed Assistant Engineer Horace W. Jones.
—— Assistant Engineer James L. Smith.
1709. Acting Gunner Patrick Hill.

CULGOA.

Supply steamer.

170. Lieutenant-Commander James W. Carlin, Commanding.

HELENA.

Light-draft gunboat, 8 guns, 1,392 tons, 1,988 horsepower, twin screws.

106. Commander William T. Swinburne, Commanding.
299. Lieutenant Charles Laird.
352. Lieutenant Arthur W. Dodd.
490. Lieutenant (junior grade) Joseph W. Oman.
504. Lieutenant (junior grade) Edward Moale, jr.
557. Ensign Cleland Davis.
696. Ensign Charles E. Gilpin.
968 Passed Assistant Surgeon Lewis Morris.
1150. Assistant Paymaster Robert H. Orr.
1258. Chief Engineer Frank H. Eldridge.

MANILA.

Gunboat, 2 guns.

173. Lieutenant-Commander Frederic Singer, Commanding.
377. Lieutenant John H. L. Holcombe.
617. Ensign Charles J. Lang.
1300. Passed Assistant Engineer Harry G. Leopold.
—— Passed Assistant Engineer Frank L. Strong.

MONADNOCK.

Double-turret monitor, 6 guns, 3,990 tons, 3,000 horsepower, twin screws.

75. Commander Henry E. Nichols, en route to command.
218. Lieutenant-Commander Alexander McCrackin.
259. Lieutenant Charles E. Fox.
349. Lieutenant James P. Parker.
382. Lieutenant Allen G. Rogers.
586. Ensign Jay H. Sypher.
629. Ensign Richard S. Douglas.
663. Ensign Harris Laning.
718. Naval Cadet Leonard R. Sargent.
723. Naval Cadet Walton R. Sexton.
905. Surgeon John M. Steele.
1010. Assistant Surgeon Jerome S. Chaffee.
1108. Paymaster Willis B. Wilcox.
1257. Chief Engineer Theodore F. Burgdorff.
1361. Assistant Engineer James P. Morton.
—— Assistant Engineer Thomas Alward.
1386. Naval Cadet (engineer division) Peter L. Pratt.
1667. Gunner Joseph R. Ward.
1748. Carpenter George J. Shaw.

MONOCACY.

Light-draft gunboat, 6 guns, 1,370 tons, 850 horsepower, paddle.

108. Commander George A. Bicknell, Commanding.
537. Ensign Benjamin F. Hutchinson.
620. Ensign Thomas S. Wilson.
930. Passed Assistant Surgeon Corbin J. Decker.

a Secondary battery.

Signal No.

1142. Passed Assistant Paymaster George M. Lukesh.
—— Assistant Engineer Henry M. Lepps.

MONTEREY.

Barbette turret, low free-board monitor, 4 guns, 4,084 tons' 5,244 horsepower, twin screws.

120. Commander Eugene H. C. Leutze, Commanding.
305. Lieutenant Frank E. Beatty.
346. Lieutenant Augustus F. Fechteler.
364. Lieutenant Thomas S. Rodgers.
379. Lieutenant Harry Kimmell.
425. Lieutenant Wilson W. Buchanan.
461. Lieutenant (junior grade) John D. McDonald.
528. Lieutenant (junior grade) Charles F. Hughes.
1100. Paymaster Eustace B. Rogers.
1228. Chief Engineer Holland N. Stevenson.
—— Passed Assistant Engineer Frederic W. Baker.
1381. Naval Cadet (engineer division) Daniel S. Mahony.
1691. Acting Gunner James Donald.
1753. Acting Carpenter William P. Harding.

NANSHAN.

Steel steamer, 4,827 tons.

350. Lieutenant Ben W. Hodges, Commanding.
1119. Passed Assistant Paymaster Eugene D. Ryan.
1636. Acting Boatswain August Rettig.

PETREL.

Gunboat, 4 guns, 892 tons, 1,095 horsepower, single screw.

146. Lieutenant-Commander Charles C. Cornwell, Commanding.
222. Lieutenant Edward M. Hughes.
283. Lieutenant Bradley A. Fiske.
373. Lieutenant Albert N. Wood.
468. Lieutenant (junior grade) Charles P. Plunkett.
612. Ensign William S. Montgomery.
966. Passed Assistant Surgeon Carl D. Brownell.
1131. Passed Assistant Paymaster George G. Seibels.
1288. Passed Assistant Engineer Gustav Kaemmerling.
—— Assistant Engineer William S. Barger.
1770. Acting Carpenter Franz A. Itrich.

RALEIGH.

Protected cruiser, 11 guns, 3,213 tons, 10,000 horsepower, twin screws.

Signal No.

41. Captain Joseph B. Coghlan, Commanding.
201. Lieutenant-Commander Thomas S. Phelps, jr.
277. Lieutenant William Winner.
434. Lieutenant Hugh Rodman.
520. Lieutenant (junior grade) Casey B. Morgan.
623. Ensign Frank L. Chadwick.
638. Ensign Provoost Babin.
909. Surgeon Emlyn H. Marsteller.
969. Passed Assistant Surgeon John M. Moore.
1111. Paymaster Samuel L. Heap.
1213. Chief Engineer James Entwistle.
1303. Passed Assistant Engineer Ward P. Winchell.
1306. Passed Assistant Engineer Alexander S. Halstead.
1338. Assistant Engineer John R. Brady.
—— Assistant Engineer Walter H. Steiger.
—— Assistant Engineer Percy L. Neel.
—— Assistant Engineer Horatio N. Emmons.
2056. First Lieutenant of Marines Thomas C. Treadwell.
1623. Acting Boatswain Edward J. Norcott.
1690. Acting Gunner Gaston D. Johnstone.
1756. Carpenter Timothy E. Kiley.

YOSEMITE.

Cruiser, 10 guns, 6,179 tons, 3,800 horsepower, single screw.

79. Commander George E. Ide, Commanding.
385. Lieutenant John E. Craven.
513. Lieutenant (junior grade) Francis Boughter.
449. Ensign Charles A. Brand.
683. Ensign Charles L. Poor.
919. Surgeon Philip Leach.
1007. Assistant Surgeon Alfred G. Grunwell.
—— Passed Assistant Engineer Frank D. Terry.
1602. Boatswain Hugh Sweeney.
1666. Gunner Michael W. Gilmartin.
1741. Carpenter Wilbur F. Stevenson.
1846. Sailmaker Frank Watson.

ZAFIRO.

Collier.

621. Ensign Henry A. Pearson, Commanding.

SQUADRON FOR SPECIAL SERVICE.

Captain ALBERT S. BARKER, Senior Officer.

OREGON.

First-class battle ship, 16 guns, 10,288 tons, 11,111 horsepower, twin screws.

22. Captain Albert S. Barker, Commanding.
185. Lieutenant-Commander Arthur P. Nazro.
316. Lieutenant William H. Allen.
413. Lieutenant Albert A. Ackerman.
483. Lieutenant (junior grade) Edward W. Eberle.
570. Ensign Lucius A. Bostwick.
588. Ensign Horace G. Macfarland.
680. Ensign Rufus Z. Johnston, jr.
707. Naval Cadet Harry E. Yarnell.
714. Naval Cadet Luther M. Overstreet.
719. Naval Cadet Cyrus R. Miller.
738. Naval Cadet Samuel G. Magill, jr.
740. Naval Cadet Clarence S. Kempff.
889. Surgeon Frank B. Stephenson.
995. Assistant Surgeon Harold H. Haas.
999. Assistant Surgeon John B. Dennis.
1118. Passed Assistant Paymaster Ziba W. Reynolds.
1235. Chief Engineer James H. Perry.
1330. Passed Assistant Engineer Stanford E. Moses.
1354. Assistant Engineer Frank Lyon.
1359. Assistant Engineer Charles K. Mallory.
1366. Assistant Engineer Ernest F. Eckhardt.
1374. Assistant Engineer Charles P. Burt.
1385. Naval Cadet (engineer division) Henry N. Jenson.
1397. Naval Cadet (engineer division) Guy W. Faller.
2028. Captain of Marines Randolph Dickins.
—— Second Lieutenant of Marines Robert F. Wynne.
1599. Boatswain John Costello.
1701. Acting Gunner Simon Jacobs.
1765. Acting Carpenter John P. Yates.

CELTIC.

Supply ship, 6,428 tons, 1,890 horsepower, single screw.

200. Lieutenant-Commander Nathaniel J. K. Patch, Commanding.
339. Lieutenant William S. Hogg.
565. Ensign Charles T. Vogelgesang.
645. Ensign John McC. Luby.
660. Ensign Frank H. Brumby.
990. Assistant Surgeon Daniel H. Morgan.
1152. Assistant Paymaster Franklin W. Hart.
—— Passed Assistant Engineer Thomas P. Neilson.
1334. Naval Cadet (engineer division) Henry C. Dinger.
1395. Naval Cadet (engineer division) Alexander N. Mitchell.
1627. Acting Boatswain John E. Murphy.

IOWA.

First-class battle ship, 18 guns, 11,340 tons, 12,105 horse power, twin screws.

25. Captain Silas W. Terry, Commanding.
148. Lieutenant-Commander Raymond P. Rodgers.

Signal No.

265. Lieutenant William H. Schuetze.
342. Lieutenant Horace M. Witzel.
344. Lieutenant John M. Orchard.
424. Lieutenant Louis S. Van Duzer.
485. Lieutenant (junior grade) Glennie Tarbox.
529. Lieutenant (junior grade) Albert L. Norton.
536. Ensign Nathan C. Twining.
690. Ensign Duncan M. Wood.
709. Naval Cadet Arthur J. Hepburn.
717. Naval Cadet Orin G. Murfin.
721. Naval Cadet Joseph W. Graeme.
722. Naval Cadet Victor S. Houston.
727. Naval Cadet Albert H. McCarthy.
728. Naval Cadet Hilary Williams.
736. Naval Cadet William C. Asserson.
883. Surgeon Manly H. Simons.
935. Passed Assistant Surgeon Rand P. Crandall.
1014. Assistant Surgeon Francis M. Furlong.
1088. Paymaster James A. Ring.
1225. Chief Engineer Charles W. Rae.
1282. Passed Assistant Engineer Leo D. Miner.
1343. Assistant Engineer John R. Morris.
1362. Assistant Engineer Daniel M. Garrison.
1372. Assistant Engineer Henry O. Bisset.
1382. Naval Cadet (engineer division) Henry L. Collins.
1384. Naval Cadet (engineer division) Andrew T. Graham.
1472. Chaplain Frederic C. Brown.
2032. Captain of Marines Lincoln Karmany.
—— Second Lieutenant of Marines Henry C. Davis.
1631. Acting Boatswain Eugene M. Isaac.
1700. Acting Gunner George Charrette.
1755. Carpenter Frank Johnson.

IRIS.

Distilling ship, 6,100 tons, 1,300 horsepower, single screw.

212. Lieutenant-Commander Nelson T. Houston, Commanding.
428. Lieutenant William E. Safford.
670. Ensign James J. Raby.
673. Ensign Arthur T. Chester.
677. Ensign Edward H. Watson.
—— Assistant Surgeon Warren E. High.
1158. Assistant Paymaster Abel B. Pierce.

Signal No.

1255. Chief Engineer William N. Little.
1360. Assistant Engineer Newton Mansfield.
1399. Naval Cadet (engineer division) Edward. T. Constien.
1400. Naval Cadet (engineer division) John A. Schofield.

JUSTIN.

Collier, *a* 2 guns, 3,300 tons, single screw.

136. Commander Wells L. Field, Commanding.
442. Lieutenant Marbury Johnston.
—— Lieutenant (junior grade) George Breed.
694. Ensign Frank E. Ridgely.
699. Ensign Earl P. Jessop.
—— Assistant Surgeon Jacob Stepp.
—— Assistant Paymaster John R. Sanford.
—— Passed Assistant Engineer Michael N. Usina.

SCINDIA.

Collier, *a* 2 guns, 7,500 tons, 3,000 horsepower, single screw.

87. Commander Eugene W. Watson, Commanding.
279. Lieutenant Ten Eyck D. W. Veeder.
554. Ensign Frank H. Schofield.
682. Ensign Thomas T. Craven.
700. Ensign John H. Roys.
701. Ensign Henry C. Mustin.
—— Assistant Surgeon Henry D. Averill.
1156. Assistant Paymaster Charles W. Penrose.
1323. Passed Assistant Engineer John H. Rowen.

STERLING.

Collier, *a* 2 guns, 5,663 tons, 926 horsepower, single screw.

165. Lieutenant-Commander James R. Selfridge, Commanding.
—— Lieutenant Warner H. Nostrand.
—— Ensign Whitney I. Eisler.
—— Ensign Edward R. Cassidy.
—— Assistant Surgeon Frederick M. Bogan.
—— Assistant Paymaster Charles R. O'Leary.
—— Passed Assistant Engineer David P. Moran.
1633. Acting Boatswain Andrew Anderson.

SPECIAL SERVICE.

AMPHITRITE.

Double-turret monitor, 6 guns, 3,990 tons, 1,600 horsepower, twin screws.

47. Captain Charles J. Barclay, Commanding.
197. Lieutenant-Commander Albert G. Berry.
313. Lieutenant James T. Smith.
502. Lieutenant (junior grade) Levi C. Bertolette.
566. Ensign Charles B. McVay, jr.
582. Ensign Harley H. Christy.
676. Ensign Kenneth M. Bennett.
904. Surgeon Henry G. Beyer.
1004. Assistant Surgeon Eugene J. Grow.
1112. Paymaster John Q. Lovell.
1242. Chief Engineer William C. Eaton.
1689. Gunner Herbert Campbell.
1754. Carpenter William J. Wren.

DOLPHIN.

Dispatch boat, 3 guns, 1,486 tons, 2,253 horsepower, single screw.

91. Commander Henry W. Lyon, Commanding.
404. Lieutenant Thomas Snowden.
538. Ensign Sumner E. W. Kittelle.
548. Ensign William C. Cole.
906. Surgeon James E. Gardner.
1141. Assistant Paymaster Samuel Bryan.
1271. Passed Assistant Engineer Benjamin C. Bryan.

EAGLE.

Yacht, *a* 6 guns, 434 tons, 856 horsepower, single screw.

303. Lieutenant Frank F. Fletcher, Commanding.
606. Ensign Powers Symington.
—— Assistant Surgeon Frank B. Hancock.

GLACIER.

Refrigerator ship, *a* 3 guns, single screw.

—— Lieutenant William S. Seccombe, Commanding.
—— Lieutenant (junior grade) Hugh K. Norman.
—— Lieutenant (junior grade) Thomas M. MacKnight.
—— Ensign Hugh McPherson.
—— Ensign William C. White.
946. Passed Assistant Surgeon George H. Barber.
1096. Paymaster William W. Galt.
—— Assistant Engineer Warner H. Miller.
—— Assistant Engineer William H. Johnson.

LANCASTER.

Cruiser, 12 guns, 3,250 tons, 1,000 horsepower, single screw.

81. Commander Thomas Perry, Commanding.
246. Lieutenant John E. Roller.
378. Lieutenant William L. Burdick.
477. Lieutenant (junior grade) Joseph Strauss.
542. Ensign William D. Mac Dougall.
555. Ensign Jehu V. Chase.
613. Ensign Frank H. Clark, jr.

a Secondary battary.

Signal No.

900. Surgeon Phillips A. Lovering.
971. Passed Assistant Surgeon Edward W. Shipp.
1145. Assistant Paymaster Harry H. Balthis.
1299. Passed Assistant Engineer Charles E. Rommel.
2070. Second Lieutenant of Marines Philip M. Bannon.
1626. Acting Boatswain Daniel Montague.
1628. Acting Boatswain Emil H. Eycke.
1707. Acting Carpenter George W. Phillip.
1848. Sailmaker Charles E. Minter.

MICHIGAN.

Cruiser, 4 guns, 685 tons, 365 horsepower, paddle.

167. Lieutenant-Commander William H. Everett, Commanding.
918. Surgeon Oliver Diehl.
—— Assistant Paymaster William B. Rogers.
1293. Passed Assistant Engineer Bias C. Sampson.
1581. Boatswain Charles Miller.
1804. Pharmacist Sigismund Leuckart.

PEORIA.

Cruiser, *a* 7 guns, 488 tons, single screw.

445. Lieutenant Joseph L. Jayne, Commanding.
—— Lieutenant Courtland K. Bolles.
—— Ensign Laurie H. Talbot.
—— Ensign William C. Bliss.
1003. Assistant Surgeon Charles A. Crawford.
1161. Assistant Paymaster Theodore J. Arms.
—— Assistant Engineer Ellicott McConnell.

SOLACE.

Ambulance ship, 4,700 tons, 3,200 horsepower, single screw.

133. Commander Andrew Dunlap, Commanding.
374. Lieutenant Edward Lloyd, jr.
—— Lieutenant (junior grade) William Cox.
—— Ensign William M. Willett.
—— Ensign Walter W. Barrett.
1277. Passed Assistant Engineer James M. Pickrell.
1006. Assistant Surgeon Thomas M. Lippitt.
—— Assistant Paymaster Herbert E. Stevens.
—— Chief Engineer William H. Levay.
—— Second Lieutenant of Marines Henry Leonard.

SUPPLY.

Supply ship, 2 guns, 4,460 tons, 1,069 horsepower, single screw.

—— Lieutenant Edward V. Roberts, Commanding.
—— Lieutenant John C. Dow.

Signal No.

—— Ensign Frank H. Edthofer.
—— Ensign James H. Crozier.
—— Ensign Wirt McCreary.
1012. Assistant Surgeon Will M. Garton.
—— Assistant Paymaster David M. Addison.
—— Assistant Engineer Add Anderson.
—— Assistant Engineer Thomas E. Brady.
1873. Mate William Johnston.
1888. Mate John Mahoney.

SYLPH.

Yacht, *a* 8 guns, 152 tons, 550 horsepower, single screw.

429. Lieutenant William J. Maxwell, Commanding.
1351. Assistant Engineer Joseph M. Reeves.

VIXEN.

Yacht, *a* 8 guns, 806 tons, 1,250 horsepower, single screw.

188. Lieutenant-Commander John C. Wilson, Commanding.
394. Lieutenant Charles H. Harlow.
—— Lieutenant (junior grade) Arthur H. Dutton.
—— Assistant Paymaster Arthur H. Cathcart.
1358. Assistant Engineer Thomas M. Dick.

VULCAN.

Repair ship, *a* 2 guns, 3,530 tons, single screw.

—— Lieutenant-Commander Ira Harris, Commanding.
486. Lieutenant (junior grade) William W. Gilmer.

WHEELING.

Composite gunboat, 6 guns, 1,000 tons, 1,081 horsepower twin screws.

97. Commander William T. Burwell, Commanding.
245. Lieutenant Gustavus C. Hanus.
423. Lieutenant Miles C. Gorgas.
507. Lieutenant (junior grade) Edward H. Durell.
664. Ensign David W. Todd.
688. Ensign Charles M. Tozer.
933. Passed Assistant Surgeon Stephen S. White.
983. Assistant Surgeon William M Wheeler.
1155. Assistant Paymaster William H. Doherty.
1294. Passed Assistant Engineer Solon Arnold.

UNASSIGNED.

ABARENDA.

Collier, *a* 4 guns, 4,670 tons, 1,050 horsepower, single screw.

117. Commander William I. Moore, Commanding.
—— Ensign William A. O'Malley.
—— Ensign Frank H. Ainsworth.
—— Ensign Richard M. Cutts.
—— Assistant Surgeon Dennis F. Sughrue.
—— Assistant Paymaster Charles W. Eliason.
1315. Passed Assistant Engineer Louis M. Nulton.

LEBANON.

Collier, *a* 4 guns, 3,375 tons, single screw.

161. Lieutenant-Commander Charles T. Forse, Commanding.
—— Lieutenant Guy M. Buck.
—— Lieutenant Charles E. Littlefield.
—— Ensign John Burns.
—— Assistant Paymaster Robert H. Cowan.
—— Assistant Engineer August Mehlman.

MARCELLUS.

Steamer, *a* 2 guns, 1,200 horsepower.

192. Lieutenant-Commander Herbert Winslow, Commanding.
—— Lieutenant Samuel M. Blount.
—— Lieutenant (junior grade) E. V. Lynam.
—— Lieutenant (junior grade) John McIntyre.

a Secondary battery.

Signal No.

—— Lieutenant (junior grade) Henry E. Betts.
—— Assistant Surgeon James H. Payne, jr.
—— Assistant Paymaster Eugene C. Tobey.
—— Passed Assistant Engineer Robert S. Talbot.

NERO.

Steamer, *a* 4 guns, 4,925 tons, 1,000 horsepower, single screw.

118. Commander Charles Belknap, Commanding.
463. Lieutenant (junior grade) Henry E. Parmenter.
523. Lieutenant (junior grade) Marcus L. Miller.
—— Lieutenant (junior grade) Selim E. Woodworth.
—— Lieutenant (junior grade) Frederick E. Swanstrom.
—— Assistant Surgeon Mack V. Stone.
—— Assistant Engineer Charles B. Forgham.

SOUTHERY.

Collier, *a* 2 guns, 3,100, single screw.

127. Commander Walton Goodwin, Commanding.
—— Lieutenant Robert K. Wright.
—— Ensign Johannes H. Cuntz.
—— Ensign William H. Quinlan.
—— Assistant Surgeon Rice K. McClanahan.
—— Assistant Paymaster Albert W. Lavender.
1325. Passed Assistant Engineer Charles R. Emrich.

Signal No.

WILMINGTON.

Light-draft gunboat, 8 guns, 1,392 tons, 1,894 horsepower, twin screws.

103. Commander Chapman C. Todd, Commanding.
226. Lieutenant John B. Collins.
302. Lieutenant Fidelio S. Carter.
568. Ensign Claude Bailey.
665. Ensign John V. Klemann.
703. Ensign Amon Bronson, jr.
975. Passed Assistant Surgeon Frank C. Cook.
1143. Assistant Paymaster John W. Morse.
1249. Chief Engineer James P. S. Lawrance.
1380. Assistant Engineer Arthur Crenshaw.

YANKTON.

Yacht, *a* 8 guns, 975 tons, 750 horsepower, single screw.

219. Lieutenant-Commander George L. Dyer, Commanding.
489. Lieutenant (junior grade) Webster A. Edgar.
540. Ensign George R. Marvell.
652. Ensign Robert W. McNeely.
666. Ensign William R. Cushman.
744. Naval Cadet George L. Smith.
1002. Assistant Surgeon David B. Kerr.
1151. Assistant Paymaster William A. Merritt.
1331. Passed Assistant Engineer Raymond D. Hasbrouck.

TRAINING SERVICE.

ADAMS.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

80. Commander George M. Book, Commanding.
205. Lieutenant-Commander Theodoric Porter.
306. Lieutenant Moses L. Wood.
362. Lieutenant Harry M. Dombaugh.
639. Ensign Simon P. Fullinwider.
642. Ensign Stephen V. Graham.
659. Ensign Clarence England.
692. Ensign Thomas A. Kearney.
1002. Assistant Surgeon Ralph T. Orvis.
1089. Paymaster James E. Cann.
1466. Chaplain John B. Frazier.

ALLIANCE.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

128. Commander Albert Ross, Commanding.
—— Lieutenant (junior grade) Frank Ellery.
—— Lieutenant (junior grade) Winslow Allderdice.
634. Ensign Raymond Stone.
997. Assistant Surgeon William H. Bucher.
1146. Assistant Paymaster Charles Conard.
1470. Chaplain Arthur O. Sykes.

ANNAPOLIS.

Composite gunboat, 6 guns, 1,000 tons, 1,227 horsepower, single screw.

98. Commander John J. Hunker, Commanding.
238. Lieutenant George W. Mentz.
475. Lieutenant (junior grade) George W. Kline.
556. Ensign Henry J. Ziegemeier.
563. Ensign Henry S. Ritter.
601. Ensign Gregory C. Davison.
637. Ensign John T. Tompkins.
733. Naval Cadet Austin Kautz.
986. Assistant Surgeon Samuel B. Palmer.
1133. Passed Assistant Paymaster Joseph Fyffe.
1280. Passed Assistant Engineer George R. Salisbury.
1290. Passed Assistant Engineer Clarence H. Mathews.

ESSEX.

Cruiser, 6 guns, 1,375 tons, 800 horsepower, single screw.

95. Commander Frank Courtis, Commanding.
261. Lieutenant Albert Mertz.
347. Lieutenant Edward E. Wright.
420. Lieutenant Edwards F. Leiper.
433. Lieutenant Theodore G. Dewey.
467. Lieutenant (junior grade) Charles M. Fahs.
653. Ensign Walter S. Turpin.
684. Ensign Ralph Earle.
973. Passed Assistant Surgeon James F. Leys.
1136. Assistant Paymaster Ulysses G. Ammen.
—— Passed Assistant Engineer William B. Carswell.
1463. Chaplain Charles H. Parks.

VICKSBURG.

Composite gunboat, 6 guns, 1,000 tons, 1,118 horsepower, single screw.

105. Commander Abraham B. H. Lillie, Commanding.
254. Lieutenant James C. Cresap.
392. Lieutenant John B. Blish.
553. Ensign William K. Harrison.
661. Ensign Frank P. Baldwin.
674. Ensign Cassius B. Barnes.
697. Ensign Mark St. C. Ellis.
768. Naval Cadet Walter G. Roper.
992. Assistant Surgeon Washington B. Grove.
1137. Assistant Paymaster Robert C. Schenck.
1318. Passed Assistant Engineer Cleland N. Offley.

a Secondary battery.

IN RESERVE.

COLUMBIA.

Protected cruiser, 11 guns, 7,375 tons, 18,509 horsepower, triple screws.

Signal No.

207. Lieutenant-Commander John H. Moore.
285. Lieutenant John F. Parker.
892. Surgeon Cumberland G. Herndon.
1217. Chief Engineer John L. Hannum.
2049. First Lieutenant of Marines Ben H. Fuller.
1620. Acting Boatswain August Ohmsen.
1697. Acting Gunner Clarence S. Vanderbeck.
1743. Carpenter Edwin P. Kirk.

DIXIE.

Cruiser, 10 guns, 6,114 tons, 3,800 horsepower, single screw.

213. Lieutenant-Commander Clayton S. Richman.

MIANTONOMOH.

Double-turret monitor, 4 guns, 3,990 tons, 1,426 horsepower, twin screws.

215. Lieutenant-Commander Hawley O. Rittenhouse.
1251. Chief Engineer Wythe M. Parks.
1679. Gunner Joseph Hill.

MINNEAPOLIS.

Protected cruiser, 11 guns, 7,375 tons, 20,862 horsepower, triple screws.

55. Captain Theodore F. Jewell, Commanding.
211. Lieutenant-Commander William F. Low.
903. Surgeon Nelson H. Drake.
1101. Paymaster Leeds C. Kerr.
1217. Chief Engineer John L. Hannum.

Signal No.

1458. Chaplain William F. Morrison.
1696. Gunner Thomas J. Shuttleworth.

PRAIRIE.

Cruiser, 10 guns, 6,872 tons, 3,800 horsepower, single screw.

331. Lieutenant De Witt Coffman.
—— Assistant Engineer Frederick C. Neilson.

PURITAN.

Double-turret monitor, 10 guns, 6,060 tons, 3,700 horsepower, twin screws.

61. Captain Charles J. Train, Commanding.
234. Lieutenant Greenlief A. Merriam.
—— Assistant Paymaster Jonathan Brooks.
1610. Boatswain Samuel W. Gardner.
1687. Gunner Frank Rorschach.
1736. Carpenter Charles H. Bogan.

TERROR.

Double-turret monitor, 4 guns, 3,990 tons, 1,600 horsepower, twin screws.

156. Lieutenant-Commander Robert T. Jaspar.
551. Ensign Warren J. Terhune.
1260. Chief Engineer Robert I. Reid.
1699. Acting Gunner John H. Lohman.

YANKEE.

Cruiser, 10 guns, 6,888 tons, 3,800 horsepower, single screw.

273. Lieutenant Edmund B. Underwood.

FISH COMMISSION VESSELS.

ALBATROSS.

155. Lieutenant-Commander Jefferson F. Moser, Commanding.
476. Lieutenant (junior grade) John P. McGuinness.
991. Assistant Surgeon James C. Pryor.
—— Assistant Paymaster Hugh R. Insley.
1346. Assistant Engineer Boling K. McMorris.

FISH HAWK.

190. Lieutenant-Commander Richard G. Davenport, Commanding.
1592. Boatswain Patrick Haley.
1611. Boatswain James W. Angus.
1821. Pharmacist John D. Milligan.
1862. Mate James A. Smith.
1870. Mate James M. Creighton.

STATE NAUTICAL SCHOOL-SHIPS.

ENTERPRISE.

Cruiser, 4 guns, 1,375 tons, 800 horsepower, single screw.

131. Commander Frederick M. Wise, Commanding.
221. Lieutenant Martin E. Hall.
460. Lieutenant Roger Welles, jr.
609. Ensign Joel R. P. Pringle.

SARATOGA.

Sailing ship, 1,025 tons.

159. Lieutenant-Commander William J. Barnette, Commanding.
506. Lieutenant (junior grade) Andrew T. Long.

ST. MARY'S.

Sailing ship, 1,025 tons.

144. Commander William H. Reeder, Commanding.
456. Lieutenant Chester M. Knepper.
531. Lieutenant (junior grade) Henry A. Wiley.

TORPEDO BOATS.

GWIN.

Torpedo boat, 2 guns, 2 torpedo tubes, 46 tons, 850 horsepower single screw.

Signal No.

457. Lieutenant Clarence S. Williams, Commanding.

TALBOT.

Torpedo boat, 2 guns, 2 torpedo tubes, 46½ tons, 850 horsepower, single screw.

Signal No.

465. Lieutenant (junior grade) William R. Shoemaker, Commanding.

TUGS.

ACCOMAC.

Tug, *a* 2 guns, 187 tons, 250 horsepower, single screw.

1632. Acting Boatswain Francis E. Schuster, Commanding.
—— Mate Peter L. Lea.

IROQUOIS.

Tug, *a* 3 guns, 702 tons, 1,000 horsepower, single screw.

326. Lieutenant Charles F. Pond, Commanding.
587. Ensign Bion B. Bierer.
654. Ensign George L. P. Stone.

MASSASOIT.

Tug, *a* 1 gun, 202 tons, single screw.

—— Mate Micah Jenkins, Commanding.

NEZINSCOT.

Tug, *a* 2 guns, 156 tons, 400 horsepower, single screw.

1612. Acting Boatswain John J. Holden, Commanding.

PISCATAQUA.

Tug, *a* 4 guns, 631 tons, single screw.

1872. Mate John L. Vennard, Commanding.

SAMOSET.

Tug, *a* 225 tons, 450 horsepower, single screw.

1617. Boatswain Patrick Deery, Commanding.

SIOUX.

Tug, *a* 2 guns, 155 tons, 290 horsepower, single screw.

1630. Acting Boatswain Albert F. Benzon, Commanding.

TECUMSEH.

Tug, *a* 2 guns, 214 tons, 500 horsepower, single screw.

1608. Boatswain James Dowling, Commanding.

a Secondary battery.

NAVY-YARDS AND SHORE STATIONS.

WASHINGTON, D. C.

Secretary's Office.

OFFICE OF THE JUDGE-ADVOCATE-GENERAL.

Captain Samuel C. Lemly, Judge-Advocate-General.
Lieutenant Frank B. Case.
Ensign George Mallison.
Captain of Marines Charles H. Lauchheimer.

ASSISTANT SECRETARY'S OFFICE.

Lieutenant William H. H. Southerland.

LIBRARY AND WAR RECORDS OFFICE.

Professor Edward K. Rawson, Superintendent.

SPECIAL DUTY.

Commander Richard Rush.

Bureau of Yards and Docks.

Civil Engineer Mordecai T. Endicott, Chief of Bureau.
Lieutenant Lazarus L. Reamey.
Professor of Mathematics Omenzo G. Dodge.
Civil Engineers Charles W. Parks and Andrew C. Cunningham.

Bureau of Equipment.

Commander Royal B. Bradford, Chief of Bureau.
Commander Zera L. Tanner (retired).
Lieutenant-Commander Robert G. Peck.
Lieutenants Walter C. Cowles, Alfred Reynolds, George W. Denfeld, and Frank K. Hill.

INSPECTION DUTY UNDER THE BUREAU.

Captain Richard P. Leary, South Boston, Mass.
Lieutenants Edward F. Qualtrough, Morris Heights, N. Y.; Rogers H. Galt, Newport News, Va.; Lucian Flynne (retired), Philadelphia, Pa.; Henry T. Mayo, San Francisco, Cal.; Roy C. Smith, South Boston, Mass.; Frederick R. Brainard, Philadelphia, Pa.
Lieutenant (junior grade) Lloyd H. Chandler, Bath, Me.
Ensign William H. E. Masser (retired), Portland, Oreg.

NAVAL OBSERVATORY.

Captain Charles H. Davis, Superintendent.
Lieutenant Augustus N. Mayer.
Professors Edgar Frisby, Stimson J. Brown, Henry M. Paul, and Aaron N. Skinner.

NAUTICAL ALMANAC OFFICE.

Professor William Harkness, Director of the Nautical Almanac.
Professor Henry D. Todd.

HYDROGRAPHIC OFFICE.

Commander Joseph E. Craig, Hydrographer.
Commanders Edward H. Gheen.
Lieutenant-Commander James D. Adams.
Lieutenants Jesse M. Roper, Charles M. McCarteney (retired), and Albert J. Dabney (retired).

BRANCH HYDROGRAPHIC OFFICES.

Lieutenants Herbert O. Dunn, Baltimore, Md.; Nicholas J. L. T. Halpine (retired), Boston, Mass.; William J. Wilson, Chicago, Ill.; Carl W. Jungen, New York, N. Y.; Charles P. Eaton, New York, N. Y. (Assistant); Reuben O. Bitler, Norfolk, Va.; Walter S. Hughes, San Francisco, Cal.
Ensigns William H. E. Masser (retired), Portland, Oreg.; Percy N. Olmsted, Portland, Oreg.; Alfred A. McKethan, Savannah, Ga.

Bureau of Navigation.

Captain A. S. Crowninshield, Chief of Bureau.
Captain John Schouler.
Captain Francis W. Dickins, Assistant to the Bureau.
Lieutenant-Commander John M. Hawley.
Lieutenants Edwin S. Jacob (retired), James Franklin (retired), Horace P. McIntosh (retired), Jacob J. Hunker, and Humes H. Whittlesey.
Ensigns William W. Phelps, John F. Hines, and Henry H. Ward.

OFFICE OF NAVAL INTELLIGENCE.

Commander Richardson Clover, Chief Intelligence Officer.
Lieutenant-Commanders William H. Beehler and William H. Driggs.
Lieutenants George H. Peters and Horace W. Harrison.

NAVAL EXAMINING BOARD.

Rear-Admiral John A. Howell, President.
Captains Benjamin F. Day and John Schouler.

MEDICAL EXAMINING BOARD.

Medical Director Daniel McMurtrie (retired), President.
Medical Director Joseph B. Parker.
Surgeon Walter A. McClurg.

BOARD FOR THE EXAMINATION OF MEDICAL OFFICERS.

Medical Director Grove S. Beardsley, President.
Medical Directors John H. Clark and Joseph B. Parker.

NAVAL RETIRING BOARD.

Rear-Admiral John A. Howell, President.
Captains Benjamin F. Day and John Schouler.
Medical Directors Grove S. Beardsley and John H. Clark.

Bureau of Ordnance.

Captain Charles O'Neil, Chief of Bureau.
Lieutenants John B. Bernadou, Homer C. Poundstone, and Isaac K. Seymour.
Lieutenant (junior grade) Theodore C. Fenton, Assistant to Chief.
Ensign Julian L. Latimer.
Professor Philip R. Alger.

INSPECTION DUTY UNDER THE BUREAU.

Commander George W. Pigman, Newport News, Va.
Lieutenants William M. Irwin, South Bethlehem, Pa.; Henry T. Mayo, San Francisco, Cal.; John N. Jordan, Hartford, Conn.; Walter J. Sears, New York, N. Y.; Joseph H. Rohrbacher, Pittsburg, Pa.; William B. Fletcher, Lynn, Mass.; William B. Whittlesey, Bridgeport, Conn.
Lieutenants (junior grade) Albert C. Dieffenbach, New York, N. Y.; Philip Andrews, South Bethlehem, Pa.; Harold K. Hines, West Point, N. Y.
Ensigns Frank W. Toppan (retired), New York, N. Y.; Gilbert S. Galbraith, Nicetown, Pa.
Assistant Engineers Murray Warner, Rome, N. Y.; William H. Thompson, jr., Elmira, N. Y.
Assistant Naval Constructor Horatio G. Gilmor, Elswick, England.
Gunner Allan S Mackenzie, New York, N. Y.

Bureau of Construction and Repair.

Naval Constructor Philip Hichborn, Chief of Bureau.
Naval Constructors David W. Taylor, Washington L. Capps (ordered), and Frank B. Zahm.
Assistant Naval Constructor Robert B. Dashiell.

INSPECTION DUTY UNDER BUREAU.

Carpenters David W. Perry, Owensboro, Ky.; Philip T. Mager, Thurlow, Pa.; Ellis W. Craig, Munhall, Pa., and Francis J. Harte, Philadelphia, Pa.
Sailmakers Garrett Van Mater, Pittsburg, Pa., and Milton W. Watkins, Nicetown, Pa

Bureau of Steam Engineering.

Chief Engineer George W. Melville, Chief of Bureau.
Chief Engineers Harrie Webster, Alfred B. Canaga, and Albert B. Willits.
Passed Assistant Engineers Walter M. McFarland, Frank M. Bennett, Martin Bevington, Charles A. E. King, William W. White, Emil Theiss, John K. Robison, Milton E. Reed, and Bert C. Ball.
Assistant Engineer John A. Henderson (retired).

INSPECTION DUTY UNDER BUREAU.

Lieutenant William M. Irwin, South Bethlehem, Pa.
Chief Engineers Charles H. Loring (retired), New York, N. Y.; George F. Kutz (retired), Portland, Oreg.; Andrew J. Kiersted (retired), League Island, Pa.; Benjamin B. H. Wharton (retired), Thurlow, Pa.; Henry B. Nones (retired), Wilmington, Del.; Samuel L. P. Ayres (retired), Nicetown, Pa.; Edward Farmer, South Boston, Mass.; Louis J. Allen, San Francisco, Cal.; David Smith (retired), Steelton, Pa.; Peter A. Rearick, Newport News, Va.; George J. Burnap, Philadelphia, Pa.; William H. Harris, Bath, Me.; David P. Jones (retired), Munhall and Thurlow, Pa.; Joseph P. Mickley, Philadelphia, Pa.; Walter F. Worthington, Pittsburg, Pa.; George W. McElroy, Elizabethport, N. J., and George E. Burd, New York, N. Y.
Passed Assistant Engineers John Pemberton (retired), East Orange, N. J.; Harold P. Norton, Elswick, England.; Clarence A. Carr, Morris Heights, N. Y.; Edward H. Scribner, Harrisburg, Pa.; Thomas F. Carter, Thurlow, Pa.; Harry Hall, Philadelphia, Pa.; William S. Smith, Richmond, Va.; De Witt C. Redgrave, Baltimore, Md.; Claude B. Price, Newport News, Va., and William H. McGrann, Wilmington, Del.
Assistant Engineers Charles W. Livermore (retired), San Francisco, Cal., and William S. Smith (retired), Seattle, Wash.

Bureau of Supplies and Accounts.

Pay Director Edwin Stewart, Chief of Bureau.
Pay Inspector Leonard A. Frailey.
Paymaster Henry G. Colby, Assistant to the Bureau.
Paymasters Ambrose K. Michler and Thomas S. Jewett.

Bureau of Medicine and Surgery.

Medical Director William K. Van Reypen, Chief of Bureau.
Surgeons John C. Boyd, Presley M. Rixey, and Averley C. H. Russell.
Passed Assistant Surgeon Edward R. Stitt.

NAVAL MUSEUM OF HYGIENE.

Medical Director Charles H. White.
Surgeon James D. Gatewood.

NAVAL DISPENSARY.

Passed Assistant Surgeon Eugene P. Stone.
Pharmacist John C. Martin.

SPECIAL DUTY, NEW YORK.

Medical Director Delavan Bloodgood (retired).

Headquarters of the Marine Corps.

Colonel Charles Heywood, Commandant.
Major Green C. Goodloe, Paymaster.
Major George C. Reid, Adjutant and Inspector.
Major Frank L. Denny, Quartermaster.
Captain Charles L. McCawley, Assistant Quartermaster.
Surgeon Edward H. Green.

MARINE BARRACKS, HEADQUARTERS, WASHINGTON, D. C.

Captain Francis H. Harrington.
Second Lieutenants Ralph E. Walker and Benjamin F. Rittenhouse.

NAVAL ACADEMY, ANNAPOLIS, MD.

Rear-Admiral Frederick V. McNair, Superintendent.
Commanders Charles T. Hutchins and Harry Knox.
Lieutenant-Commanders Royal R. Ingersoll, Richard Wainwright, Edwin K. Moore, and Perry Garst.
Lieutenants Hugo Osterhaus, Charles W. Bartlett, Austin M. Knight, William F. Halsey, Edward J. Dorn, Alexander Sharp, jr., George M. Stoney, Charles A. Gove, William F. Fullam, Harry P. Huse, Harry S. Knapp, Charles N. Atwater, John H. Shipley, Daniel P. Menefee, Edwin H. Tillman, William C. P. Muir, and Harry George.
Lieutenants (junior grade) William H. G. Bullard, William H. Faust, George F. Cooper, Clarence M. Stone, Carlo B. Brittain, Richard H. Jackson, and Arthur B. Hoff.
Ensigns Edwin T. Pollock and Walter S. Crosley.
Medical Inspector William S. Dixon.
Passed Assistant Surgeons Luther L. Von Wedekind and Michael R. Pigott.
Assistant Surgeon Cary D. Langhorne.
Pay Director Thomas T. Caswell.
Paymaster Joel P. Loomis, cadet storekeeper.
Chief Engineers George H. Kearny and Franklin J. Schell.
Passed Assistant Engineers Thomas W. Kinkaid, William H. Allderdice, Oscar W. Koester, Urban T. Holmes, and George W. Laws.
Assistant Engineer Martin E. Trench.
Chaplain Henry H. Clark.
Professors William W. Hendrickson and Marshal Oliver.
Naval Constructor Lawrence Spear.
Boatswains John S. Sinclair and Charles F. Pierce.
Gunners Robert Sommers and Frank C. Messenger.
Carpenter Josiah E. Keen.
Pharmacists Augustus Prosperi and John T. Oursler.
Mates Charles J. Murphy, Arthur R. Nickerson, Charles L. Weiss, and Ernest J. Brown (Santee).

MARINE BARRACKS.

Captain Richard Wallach.
First Lieutenant Joseph H. Pendleton.
Second Lieutenants Henry W. Carpenter, Charles S. Hill, and John F. McGill.

BALTIMORE, MD.

NAVY PAY OFFICE.

Paymaster Charles M. Ray (custom-house).

NAVAL STATION, BOSTON, MASS.

Rear-Admiral Henry L. Howison, Commandant of Yard and Station.

NAVY-YARD.

Captain Mortimer L. Johnson, Captain of the Yard.
Commander John E. Pillsbury, Equipment Officer.
Lieutenant-Commanders Charles W. Tracy (retired), Francis H. Delano, and Uriah R. Harris.
Medical Director George F. Winslow.
Pay Inspector George W. Beaman.
Pay Inspector George E. Hendee, General Storekeeper.
Passed Assistant Paymaster Richard Hatton.
Chief Engineers John K. Barton and John L. Gow.
Passed Assistant Engineer William M. Barr.
Assistant Engineer Allen M. Cook.
Chaplain David H. Tribou.
Naval Constructor Joseph Feaster.
Civil Engineer Homer R. Stanford.
Boatswain Henry Hudson.
Gunner John R. Grainger, Niter Depot, Malden, Mass.
Gunner Charles B. Magruder, Naval Magazine, Chelsea, Mass.
Gunner Frank H. Whitney.
Carpenters James Burke and Edward H. Hay.
Pharmacist Edwin T. Morse.

RECEIVING-SHIP WABASH.

Captain George H. Wadleigh, Commanding.
Lieutenant-Commander William P. Randall (retired).
Lieutenants Charles A. Foster (retired), and Frederick W. Coffin.
Surgeon Homer L. Law (retired).
Assistant Surgeon Charles H. DeLancy.

Paymaster Charles W. Littlefield.
Chief Engineer William H. Nauman.
Chaplain Roswell R. Hoes.
Second Lieutenant of Marines Rexwald Brown.
Boatswains John J. Killin and David F. Hennessey.
Carpenter John G. Tilden.
Pharmacist Stephen W. Douglass.
Mate William Jenney.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Nicholas J. L. T. Halpine (retired).

NAVAL HOSPITAL, CHELSEA.

Medical Inspector Joseph G. Ayers.
Surgeon Frederick A. Hesler.
Assistant Surgeon Granville L. Angeny.
Pharmacist Joseph H. Graham.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director Edward May (70 Kilby street), Boston.

MARINE RENDEZVOUS, BOSTON.

Passed Assistant Surgeon John F. Urie.

MARINE BARRACKS.

Lieutenant-Colonel Percival C. Pope.
Captain Allan C. Kelton.
First Lieutenants Charles G. Long, Laurence H. Moses, and William C. Dawson.

NAVAL STATION, HAVANA, CUBA.

Commodore Bartlett J. Cromwell, Commandant.
Lieutenant-Commander William W. Kimball.
Lieutenant James H. Glennon.
Surgeon James D. Gatewood.
Pay Director Joseph A. Smith.
Chief Engineer Charles P. Howell.

STATION SHIP RESOLUTE.

Commander Joseph G. Eaton, Commanding.
Lieutenants William A. Marshall and Robert M. Doyle.
Lieutenants (junior grade) William H. Caldwell and John A. Gorgas, jr.
Ensigns Charles S. Bookwalter and Augustine B. McManus.
Passed Assistant Surgeon Arthur W. Dunbar.
Assistant Paymaster Rufus Coffin.
First Lieutenant of Marines Theodore P. Kane.
Acting Boatswain William Brooks.
Carpenter Edward W. Smith.

MARINE BARRACKS.

Major William S. Muse.
Captain Carlile P. Porter.
First Lieutenant James E. Mahoney.
Second Lieutenants Charles G. Andreson and Harry Lee.

INDIAN HEAD, MARYLAND.

NAVAL PROVING GROUND.

Commander Albert R. Couden, Inspector in Charge.
Ensigns Thomas J. Senn and Lewis B. Jones.
Gunner Hugh Sinclair.
Pharmacist James H. McGuigan.

NAVAL STATION, KEY WEST, FLA.

Commander Fernando P. Gilmore, Commandant.
Surgeon John W. Ross (retired.)
Assistant Surgeon Raphael O. Marcour.
Assistant Paymaster Francis R. Maloney.
Passed Assistant Engineer Patrick J. McMahon.
Civil Engineer Adolfo J. Menocal.

NAVAL STATION, MARE ISLAND, CAL.

Commodore John C. Watson, Commandant of Yard and Station.

NAVY-YARD.

Captain Charles S. Cotton, Captain of the Yard.
Lieutenant-Commander Franklin J. Drake, Ordnance Officer.
Lieutenant-Commander Charles G. Bowman, Equipment Officer.
Lieutenants Samuel L. Graham (retired) and Oren E. Lasher (retired.)
Lieutenant (junior grade) Guy H. Burrage.
Ensign Edwin E. Hayden (retired).
Surgeon James R. Waggener.
Pay Inspector Albert W. Bacon, General Storekeeper.
Paymaster William W. Barry.
Chief Engineer Joseph Trilley.
Passed Assistant Engineer William H. Mears.
Naval Constructors William J. Baxter and Thomas F. Ruhm.
Assistant Naval Constructor John D. Beuret.
Civil Engineer Richard C. Hollyday.
Gunner William Halford, Naval Magazine.
Gunner Joel C. Evans.
Acting Carpenter Charles Thompson.
Pharmacist Samuel Englander.

RECEIVING-SHIP INDEPENDENCE.

Captain Louis Kempff, Commanding.
Lieutenant-Commander Charles A. Adams.
Lieutenants Jeremiah C. Burnett (retired) and James H. Hetherington.
Surgeon Charles T. Hibbett.
Passed Assistant Engineer James W. Holihan (retired).
Boatswains Francis A. Dran and Timothy Sheean.
Acting Boatswains Charles J. Christianson and Peter E. Radcliffe.
Gunner Arthur S. Williams.
Sailmakers John Roddy, John A. Long, and Michael P. Barr.

RECEIVING-SHIP PENSACOLA.

Captain Louis Kempff, Commanding.
Lieutenant George H. Stafford.
Passed Assistant Surgeon Charles P. Bagg.
Paymaster William W. Barry.
Mate Joseph J. Delaney.

NAVAL HOSPITAL.

Medical Inspector George P. Bradley.
Assistant Surgeon Frank E. McCullough.
Assistant Surgeon William L. Bell.
Pharmacist Stephen St. John.

MARINE BARRACKS.

Major Charles F. Williams.
Captain Leroy C. Webster.
First Lieutenant Albert S. McLemore.

SPECIAL DUTY, SAN FRANCISCO.

Surgeon Victor C. B. Means.

BRANCH HYDROGRAPHIC OFFICE, SAN FRANCISCO.

Lieutenant Walter S. Hughes.

PURCHASING AND DISBURSING PAYMASTER.

Pay Inspector George H. Griffing (202 Sansom street, San Francisco).

UNION IRON WORKS, SAN FRANCISCO.

Lieutenant Henry T. Mayo.
Chief Engineer Louis J. Allen.
Assistant Engineer Charles W. Livermore (retired).
Naval Constructor Elliot Snow.
Assistant Naval Constructor Thomas G. Roberts.

NAVAL STATION, NEWPORT, R. I.

TRAINING STATION AND TRAINING-SHIP CONSTELLATION (3d rate).

Commander John McGowan, Commanding.
Lieutenants William McC. Little (retired), John F. Luby, John F. Hubbard (junior grade), and James H. Reid (junior grade).
Ensigns George G. Mitchell, Charles L. Hussey, and Clark D. Stearns.
Passed Assistant Surgeons George B. Wilson and Levi T. Safford (retired).
Paymaster Thomas J. Cowie.
Chaplain Curtis H. Dickins.

Second Lieutenants of Marines George C. Reid and David D. Porter.
Gunner James Shannon.
Acting Carpenter Axel L. Sundqvist.
Pharmacists Cornelius O'Leary and William H. Huntington.
Mates Olaf Christopherson, John R. Daly, Christopher J. Cooper, William D. Bartley, Robert E. Simonson, John W. Stoakley, and Christian Cone.

NAVAL WAR COLLEGE.

Commander Charles H. Stockton, President.
Lieutenant Joseph B. Murdock.
Ensign Frederick A. Traut.

TORPEDO STATION.

Lieutenant-Commander Thomas C. McLean, Inspector in Charge.
Lieutenant-Commander Kossuth Niles.
Lieutenants George F. W. Holman, Washington I. Chambers, and James H. Oliver.
Paymaster Samuel R. Colhoun.
Gunners Charles Morgan and Henry A. Eilers.

NAVAL HOSPITAL.

Medical Inspector Charles A. Siegfried.
Passed Assistant Surgeon William C. Braisted.
Pharmacist John W. Wood.

MARINE BARRACKS.

Major Henry C. Cochrane.
Second Lieutenants George C. Reid and David D. Porter.

NAVAL STATION, NEW YORK, N. Y.

Rear-Admiral Francis M. Bunce (retired), Commandant of Yard and Station. (To be relieved by Commodore John W. Philip, 15 January, 1899.)

NAVY-YARD.

Captain George W. Sumner, Captain of the Yard.
Commander William C. Gibson.
Commander John P. Merrill, Equipment Officer.
Commander William Swift, Ordnance Officer.
Commander Henry B. Mansfield.
Lieutenant-Commanders Arthur B. Speyers, Daniel D. V. Stuart, and John Hubbard.
Lieutenants William Watts (retired), Burns T. Walling, John T. Newton, Francis H. Sherman, Le Roy M. Garrett, Thomas W. Ryan, John A. Bell, and John A. Dougherty.
Lieutenant (junior grade) Harold K. Hines.
Ensign Leon S. Thompson.
Medical Inspector James A. Hawke.
Passed Assistant Surgeon Adrian R. Alfred.
Pay Director Albert S. Kenny, General Storekeeper.
Pay Inspector Henry T. Wright.
Paymasters Hiram E. Drury, John A. Mudd, and Thomas H. Hicks.
Passed Assistant Paymasters William J. Littell and Joseph J. Cheatham.
Assistant Paymaster William T. Gray.
Chief Engineer William A. Windsor.
Passed Assistant Engineers James J. Barry (retired), John C. Leonard, Robert K. Crank, Walter Ball, and Edward F. White.
Assistant Engineer Wilmer O. Chrisman (retired).
Chaplains Sylvester D. Boorom and Robert E. Steele.
Naval Constructors William L. Mintonye (retired), Francis T. Bowles, and Frank W. Hibbs.
Assistant Naval Constructors Henry G. Smith, Richard M. Watts, and Daniel H. Cox.
Civil Engineers Peter C. Asserson, Henry H. Rousseau, and Fred Thompson.
Boatswains John B. F. Langton, Charles E. Hawkins, Patrick H. Burns (retired), William Anderson, and Andrew F. Hall.
Gunners Cornelius Dugan (Naval Magazine, Dover, N. J.), Henry B. Soulé (Naval Magazine, Fort Wadsworth, N. Y.), and William G. Moore.
Carpenters Herbert M. Griffiths (retired), George W. Davis (retired), John W. Burnham, and Joel D. Griffen.
Pharmacist Leopold C. Louis.
Sailmakers George T. Douglass (retired) and John J. Byrne.

RECEIVING-SHIP VERMONT.

Captain Merrill Miller, Commanding.
Lieutenants John C. Soley (retired), and Harry H. Hosley.
Lieutenant (junior grade) Robert L. Russell.
Surgeon Daniel N. Bertolette.
Assistant Surgeons Jacob C. Rosenbleuth and Barton L. Wright.
Paymaster Henry T. B. Harris.
Chief Engineer William S. Moore.
Chaplain Wesley O. Holway.
First Lieutenant of Marines Clarence L. A. Ingate.
Boatswains William Manning, John Sutton, Allen Whipkey, and Patrick J. Kane.
Carpenters George Helms and Peter T. Ward.
Pharmacist Charles E. Reynolds.
Mates Albert F. Callander, Charles Wilson, Henry C. Fuller, Hjalmer E. Olsen, and James H. Doyle.

NAVAL RENDEZVOUS.

Lieutenant-Commander Leonard Chenery (retired).
Surgeon Lloyd B. Baldwin.

CONTINENTAL IRON WORKS.

Chief Engineer George E. Burd.

E. W. BLISS & CO.'S WORKS.

Lieutenant Walter J. Sears.
Lieutenant (junior grade) Albert C. Dieffenbach.
Ensign Frank W. Toppan (retired).
Gunner Allan S. Mackenzie.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director James E. Tolfree (109 and 112 Stewart Building, New York).

INSPECTOR OF MERCHANT VESSELS.

Lieutenant-Commander James D. J. Kelley.

SUPERVISOR HARBOR, NEW YORK.

Lieutenant John C. Fremont.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Carl W. Jungen, In Charge.
Lieutenant Charles P. Eaton, Assistant.

NAVAL LABORATORY AND DEPARTMENT OF INSTRUCTION.

Medical Director Thomas C. Walton.
Medical Inspector Remus C. Persons.
Surgeon Oliver D. Norton.
Passed Assistant Surgeon George T. Smith.

NAVAL HOSPITAL.

Medical Director George W. Woods.
Surgeons William R. Du Bose and Andrew R. Wentworth.
Assistant Surgeons Reginald K. Smith, Moulton K. Johnson, and Richmond C. Holcomb.
Pharmacist John Cowan.

BOARD OF MEDICAL EXAMINERS.

Medical Director Hosea J. Babin, President.
Surgeon Thomas C. Craig (retired).
Passed Assistant Surgeon Charles F. Stokes.

MARINE RENDEZVOUS.

Passed Assistant Surgeon Edward S. Bogert, jr.

SPECIAL DUTY, NEW YORK.

Medical Director Edward S. Bogert, sr. (retired).

MARINE BARRACKS.

Colonel Robert W. Huntington.
Captain Harry K. White.
First Lieutenants Ben H. Fuller, Albertus W. Catlin, Wendell C. Neville, and William N. McKelvy.
Second Lieutenants Thomas S. Borden and Robert M. Gilson.
Pharmacist Joseph McMahon.

NAVAL STATION, NORFOLK, VA.

Commodore Norman H. Farquhar, Commandant of Yard and Station.

NAVY-YARD.

Captain Bowman H. McCalla, Captain of the Yard.
Commander Robert E. Impey, Ordnance Officer.
Commander Benjamin F. Tilley.
Lieutenant-Commander Nathan E. Niles, Equipment Officer.
Lieutenant-Commander Clinton K. Curtis.
Lieutenant (junior grade) Benjamin W. Wells, jr.
Naval Cadet Willis McDowell.
Surgeons Thomas H. Streets, Howard E. Ames, and James C. Byrnes.
Pay Director George Cochran.
Pay Inspector Edwin Putnam, General Storekeeper.
Passed Assistant Paymaster Harry E. Biscoe.
Chief Engineer John A. B. Smith.
Passed Assistant Engineers David M. Fulmer (retired), John T. Smith (retired), and Lyman B. Perkins.
Assistant Engineer James V. Rockwell.
Naval Constructor Albert W. Stahl.
Assistant Naval Constructors William P. Robert, Lawrence S. Adams, and William G. Groesbeck.
Civil Engineer Frank O. Maxson.
Gunner John Gaskins (retired).
Gunner Patrick Lynch, Naval Magazine, St. Juliens.
Gunners George Cross and William A. Cable.
Carpenters Henry Rigby and Benjamin F. Markham.

RECEIVING-SHIP FRANKLIN.

Captain William C. Wise, Commanding.
Lieutenant-Commander William H. Webb (retired).
Lieutenant Arthur H. Fletcher (retired).
Surgeon George P. Lumsden.
Assistant Surgeon Edward M. Blackwell.
Pay Inspector Charles W. Slamm.
Chief Engineer George E. Tower (retired) and Isaac S. K. Reeves.
Chaplain Carroll Q. Wright.
Second Lieutenant of Marines Arthur J. Matthews.
Boatswain Peter Johnson (retired).
Mates Lewis M. Melcher, Harold Nielsen, John Kenyon, Ernest V. Sandstrom, John McGrath, and Charles Larson.

NEWPORT NEWS.

Commander George P. Pigman.
Lieutenants Rogers H. Galt and William M. Crose.
Chief Engineer Peter A. Rearick.
Passed Assistant Engineer Claude B. Price.
Naval Constructors Joseph J. Woodward, Robert Stocker, and George H. Rock.
Boatswain Josiah B. Aiken.
Carpenter Alonzo C. Burroughs.

BRANCH HYDROGRAPHIC OFFICE.

Lieutenant Reuben O. Bitler.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director Charles H. Eldredge.

NAVAL HOSPITAL.

Medical Director Christopher J. Cleborne.
Passed Assistant Surgeons Manley F. Gates and Joseph A. Guthrie.
Pharmacist Robert P. Neville.

MARINE BARRACKS.

Captain Littleton W. T. Waller.
First Lieutenant Austin R. Davis.
Second Lieutenant Edwin A. Jonas.

NAVY-YARD, PENSACOLA, FLA.

Commander William W. Reisinger, Commandant.
Lieutenant Walter O. Hulme.
Passed Assistant Surgeon Hatton N. T. Harris.
Passed Assistant Paymaster Philip V. Mohun.
Assistant Paymaster George R. Venable.
Acting Carpenter Thomas C. Cooney.
Pharmacist Richard Waggener.
Mates George B. Hendry (Tacoma), and Charles T. Chase.

MARINE BARRACKS.

First Lieutenant Bertram S. Neumann.

NAVAL STATION, PHILADELPHIA, PA.

Commodore Silas Casey, Commandant of Yard and Station.

NAVY-YARD, LEAGUE ISLAND.

Commander Edwin S. Houston, Captain of the Yard.
Commander Edwin Longnecker, Ordnance Officer.
Lieutenant-Commander Ebenezer S. Prime, Equipment Officer.
Lieutenants Albert G. Winterhalter and Arthur C. Parsons.
Lieutenant (Junior Grade) Louis R. Chester (retired).
Medical Inspector William G. Farwell.
Pay Director Joseph A. Smith, General Storekeeper.
Paymasters Henry T. Skelding (retired), John N. Speel, and Charles S. Williams.
Chief Engineer John Lowe (ordered).
Passed Assistant Engineer Jonathan M. Emanuel (retired).
Naval Constructor Joseph H. Linnard.
Assistant Naval Constructor Stuart F. Smith.
Civil Engineer Christopher C. Wolcott.
Boatswain Alexander McCone.
Boatswain Patrick Deery (Tug Samoset).
Gunner Charles H. Venable, Naval Magazine, Fort Mifflin.
Gunner Thomas M. Johnston.
Carpenter Spencer C. Brearley.
Sailmaker John C. Herbert.

RECEIVING-SHIP RICHMOND.

Captain John J. Read, Commanding.
Lieutenant-Commander Samuel P. Comly.
Surgeon William H. Rush.
Assistant Surgeon James G. Field (retired).
Paymaster John B. Redfield.
Passed Assistant Surgeon Robert B. Taylor (retired).
Chaplain Thomas A. Gill.
Second Lieutenant of Marines James C. Breckinridge.
Boatswains Michael Wogan and Francis E. Larkin.
Gunner Frank L. Hoagland.
Acting Gunner William Zeitler.
Carpenter William Macdonald.
Acting Carpenter Alonzo Burke.
Mates Charles H. Thorne and Frederick Muller.

PURCHASING AND DISBURSING PAYMASTER.

Pay Director George A. Lyon (Post-Office Building).

ENGINEER EXAMINING BOARD, PHILADELPHIA.

Chief Engineer Jackson McElmell (retired), President.
Chief Engineers Cipriano Andrade and John Lowe.

MEDICAL EXAMINING BOARD.

Medical Director Walter K. Schofield, President.
Medical Director George H. Cooke (retired).
Surgeon Henry C. Eckstein (retired).

CRAMPS' SHIPYARD.

Lieutenants Lucian Flynne (retired), and Albert M. Beecher.
Chief Engineer George J. Burnap.
Passed Assistant Engineer Harry Hall.
Naval Constructor John F. Hanscom.
Assistant Naval Constructor Richard H. Robinson.
Carpenter William A. Barry.
Sailmaker William Cuddy.

MARINE BARRACKS.

Colonel James Forney.
Captain Benjamin R. Russell.
First Lieutenant John H. Russell.

MARINE RENDEZVOUS.

Medical Inspector Michael C. Drennan.

ASSISTANT QUARTERMASTER'S OFFICE, MARINE CORPS.

Captain Thomas C. Prince, Assistant Quartermaster.

NAVAL HOME, PHILADELPHIA.

Captain James H. Sands, Governor.
Commander Henry N. Manney.
Lieutenant Richard M. Lisle (retired).
Pay Inspector Robert P. Lisle.
Chaplain William E. Edmonson.

NAVAL HOSPITAL.

Medical Director George H. Cooke (retired).
Passed Assistant Surgeons Norman J. Blackwood and Charles P. Kindleberger.
Assistant Surgeon William H. Ulsh.
Pharmacist Philander N. Guise.

NAVAL STATION, PORT ROYAL, S. C.

Commander Charles H. Rockwell. Commandant.
Assistant Surgeon Allan Stuart.
Passed Assistant Paymaster Samuel McGowan.
Civil Engineer George Mackay.
Carpenter Luther D. Martin.
Mate John H. Haynsworth (Wabon).
First Lieutenant of Marines Henry C. Haines.
Second Lieutenant of Marines Arthur T. Marix.

NAVAL STATION, PORTSMOUTH, N. H.

Commodore George C. Remey, Commandant of Yard and Station.

NAVY-YARD.

Captain Purnell F. Harrington, Captain of the Yard.
Commander Edward T. Strong.
Commander John V. B. Bleecker, Ordnance Officer.
Surgeon Ezra Z. Derr.
Pay Director Henry M. Denniston, General Storekeeper.
Pay Inspector Joseph Foster.
Chief Engineer William G. Buehler.
Naval Constructor John G. Tawresey.
Civil Engineer Luther E. Gregory.
Boatswain Peter H. Smith.
Gunner Otto Fries.
Carpenter Joseph B. Fletcher.

NAVAL HOSPITAL.

Surgeon Henry B. Fitts.
Pharmacist Isaac N. Hurd.

MARINE BARRACKS.

Lieutenant-Colonel Robert L. Meade.
Captain William F. Spicer.
Second Lieutenants Theodore H. Low and Don A. Baxter.

PUGET SOUND NAVAL STATION.

BREMERTON, WASH.

Commander James G. Green, Commandant.
Assistant Surgeon Holton C. Curl.
Assistant Paymaster George Brown, jr.
First Lieutenant of Marines Eli K. Cole.

NAVAL STATION, SAN JUAN, PORTO RICO.

Commander Albert S. Snow, Commandant.
Ensign Walter R. Gherardi.
Surgeon Francis W. F. Wieber.
Pay Inspector William W. Woodhull.
Chief Engineer Frank W. Bartlett.
Civil Engineer Anecito G. Menocal.

MARINE BARRACKS.

First Lieutenant Lewis C. Lucas.
Second Lieutenant Louis M. Gulick.

STATION SHIP, PANTHER.

Lieutenant Aaron Ward.
Lieutenant (junior grade) Benton C. Decker.
Ensigns Adelbert Althouse and James E. Walker.
Naval Cadets Alfred W. Pressey and Walter M. Falconer.
Passed Assistant Surgeon Will F. Arnold.
Assistant Paymaster LeRoy H. Shields.
First Lieutenant of Marines James E. Mahoney.

MARINE BARRACKS, SITKA, ALASKA.

Captain Mancil C. Goodrell.

NAVAL STATION, WASHINGTON, D. C.

Captain Alexander H. McCormick, Commandant of Yard and Station.

NAVY-YARD.

Commander Edwin C. Pendleton, Superintendent Naval Gun Factory.
Lieutenant-Commander Karl Rohrer.
Lieutenants William Kilburn, John M. Robinson, Albert Gleaves, William L. Rodgers, John J. Knapp, Francis J. Haeseler and John M. Poyer.
Lieutenants (junior grade) Richard H. Townley (retired) and Ryland D. Tisdale.
Ensigns Harry E. Smith and John L. Sticht.
Medical Inspector Robert A. Marmion.
Assistant Surgeon William H. Bell.
Pay Director Rufus Parks, General Storekeeper.
Paymaster Livingston Hunt.
Passed Assistant Paymaster Martin McM. Ramsay.
Chief Engineer Julien S. Ogden.
Boatswain William H. Hooker.
Boatswain John McLaughlin (tug Triton).
Gunner George Fouse.
Gunner John J. Walsh (Bellevue).
Gunners William Walsh and Joseph W. Bullas.
Pharmacist Francis Wood.
Mate Charles H. Cleaveland (tug Triton).
Mate Frank A. McGregor.

NAVAL HOSPITAL.

Medical Director George A. Bright.
Assistant Surgeon Frederick L. Benton.

PURCHASING AND DISBURSING PAYMASTER.

Paymaster Stephen Rand, 1429 New York avenue.

MARINE BARRACKS.

Captain George F. Elliott.
First Lieutenants Franklin J. Moses, Herbert L. Draper, and George Richards.
Second Lieutenant Randolph C. Berkeley.

NAVAL HOSPITAL, YOKOHAMA, JAPAN.

Surgeon Frank Anderson.
Passed Assistant Surgeons Leckinski W. Spratling and James Stoughton.
Paymaster Mitchell C. McDonald

OFFICERS EMPLOYED ON SPECIAL SERVICE.

LIGHT-HOUSE ESTABLISHMENT.

LIGHT-HOUSE BOARD.

Commodore Francis J. Higginson, Chairman.
Captain Yates Stirling, sr.
Commander Seth M. Ackley, Naval Secretary.

LIGHT-HOUSE INSPECTORS.

First District, Lieutenant-Commander James K. Cogswell, Portland, Me.
Second District, Commander Harrison G. O. Colby, Boston, Mass.
Third District, Captain Edwin M. Shepard, Tompkinsville, N. Y; Assistant to Inspector, Lieutenant-Commander Wainwright Kellogg.
Fourth District, Lieutenant-Commander Adolph Marix, Philadelphia, Pa.
Fifth District, Commander Charles M. Thomas, Baltimore, Md.
Sixth District, Commander Conway H. Arnold, Charleston, S. C.
Seventh District, Lieutenant Nathaniel R. Usher, Key West, Fla.
Eighth District, Lieutenant-Commander Albion V. Wadhams, New Orleans, La.
Ninth District, Commander Charles O. Allibone, Chicago, Ill.
Tenth District, Commander Franklin Hanford, Buffalo, N. Y.
Eleventh District, Lieutenant-Commander Duncan Kennedy, Detroit, Mich.
Twelfth District, Commander Uriel Sebree, San Francisco, Cal.
Thirteenth District, Commander George C. Reiter, Portland, Oreg.
Fourteenth District, ——, Cincinnati, Ohio.
Fifteenth District, Lieutenant Ambrose B. Wyckoff (retired), St. Louis, Mo.
Sixteenth District, Lieutenant James M. Helm, Memphis, Tenn.

COAST AND GEODETIC SURVEY OFFICE.

Paymaster William J. Thomson.

COMMISSION OF FISH AND FISHERIES.

Lieutenant (Junior Grade) Robert Platt.
Passed Assistant Engineer Frederic C. Bowers.

NAVAL ATTACHÉS.

Commander Francis M. Barber (retired), United States Embassies, Berlin and Rome, and United States Legation, Vienna.
Lieutenant John C. Colwell, United States Embassy, London.
Lieutenant William S. Sims, United States Embassy, Paris, and St. Petersburg.
Lieutenant Albert L. Key, United States Legations, Tokio and Pekin.

PRIZE COMMISSIONERS.

Rear-Admiral Lewis A. Kimberly (retired), Portland, Me.
Rear Admiral Andrew E. K. Benham (retired), District of Georgia.
Rear-Admiral John Irwin (retired), District of South Carolina.
Commodore William P. McCann (retired), Southern District of New York.
Lieutenant-Commander Socrates Hubbard (retired), Eastern District of New York.

SPECIAL DUTY.

Rear Admirals John G. Walker (retired), Francis M. Ramsay (retired).
Captain Alfred T. Mahan (retired).
Lieutenant (junior grade) Alfonso H. Cobb (retired).

SPECIAL DUTY, OMAHA EXPOSITION.

Lieutenant-Commander Edward M. Stedman (retired).

SPECIAL DUTY, PARIS EXPOSITION.

Lieutenant Asher C. Baker.

SMITHSONIAN INSTITUTION.

Medical Director James M. Flint.

STATE, WAR, AND NAVY DEPARTMENT BUILDING.

Chief Engineer George W. Baird, Superintendent.

GENERAL INSPECTOR OF HOSPITALS.

Medical Director James Rufus Tryon.

GENERAL INSPECTOR OF PAY CORPS.

Pay Director Frank C. Cosby.

SPECIAL DUTY—Continued.

UNITED STATES CIVIL SERVICE COMMISSION.

Chief Engineer Abraham V. Zane.

TRAINING STATION, YERBA BUENA, CAL.

Civil Engineer Franklin C. Prindle.

COALING STATION, PAGO PAGO, SAMOA.

Civil Engineer Frank T. Chambers.

NICARAGUAN CANAL COMMISSION.

Civil Engineer James W. G. Walker.

RECRUITING DUTY, CHICAGO, ILL.

Lieutenant-Commander Holman Vail (retired).
Assistant Surgeon James S. Taylor.
Passed Assistant Engineer Lucius W. Wooster (retired).
Boatswain Thomas Savage (retired).
Sailmaker Herman Hansen (retired).

DUTY WITH TORPEDO-BOAT FARRAGUT.

Lieutenants Reginald F. Nicholson and William A. Gill.

DUTY WITH TORPEDO-BOAT FOX.

Lieutenant (Junior Grade) Newton A. McCully.

LINSLEY INSTITUTE, WHEELING, W. VA.

Ensign Baine C. Dent (retired).

SPECIAL DUTY, ASIATIC STATION.

Assistant Engineer Robert M. Wilkins.
Naval Constructor Richmond P. Hobson (en route to).

PURSUING SPECIAL STUDIES, ANNAPOLIS, MD.

Ensign Joseph W. Powell.
Naval Cadets William G. DuBose, Ernest F. Eggert, John Halligan, jr., Henry Williams, William C. Watts, Frank L. Pinney.
Naval Cadet (Engineer Division) Henry T. Wright.

BOARD OF INSPECTION AND SURVEY.

Commodore Frederick Rodgers, President.
Captain Robley D. Evans.
Commander William H. Emory.

Chief Engineers Cipriano Andrade and Charles R. Roelker.
Lieutenant Nathan Sargent.

BOARD ON PROMOTIONS.

Rear-Admiral Montgomery Sicard (retired), President.

Rear-Admirals Edmund O. Matthews (retired), Charles S. Norton (retired).

SUPERINTENDING CONSTRUCTION OF VESSELS.

Naval Constructor John B. Hoover, retired, Superintending Constructor:
Monitor Florida (No. 9), Elizabethport, N. J.
Torpedo boat Bailey (No. 21), Morris Heights, N. Y.
Torpedo boat Nicholson (No. 29), Elizabethport, N. J.
Torpedo boat O'Brien (No. 30), Elizabethport, N. J.
Torpedo boat Wilkes (No. 35), Morris Heights, N. Y.
Barges, Elizabethport, N. J.
Assistant Naval Constructor Holden A. Evans, Assistant Constructor, Elizabethport, N. J.

Naval Constructor William H. Varney, Superintending Constructor:
Gunboat No. 13, Camden, N. J.
Destroyer Hopkins (No. 6), Wilmington, Del.
Destroyer Hull (No. 7), Wilmington, Del.
Destroyer Truxtun (No. 14), Sparrows Point, Md.
Destroyer Whipple (No. 15), Sparrows Point, Md.
Destroyer Worden (No. 16), Sparrows Point, Md.
Torpedo boat Stringham (No. 19), Wilmington, Del.
Torpedo boat Tingey (No. 34), Baltimore, Md.
Submarine torpedo boat Plunger, Baltimore, Md.

Naval Constructor Lloyd Bankson, Superintending Constructor:
Monitor Connecticut (No. 8), Bath, Me.
Torpedo boat Bagley (No. 24), Bath, Me.
Torpedo boat Barney (No. 25), Bath, Me.
Torpedo boat Biddle (No. 26), Bath, Me.
Carpenter Milton F. Roberts, Assistant to Superintending Constructor, Bath, Me.

Naval Constructor Elliott Snow, Superintending Constructor:
Battle ship Wisconsin (No. 9), San Francisco, Cal.
Battle ship Ohio (No. 12), San Francisco, Cal.
Monitor Wyoming (No. 10), San Francisco, Cal.

Naval Constructor Elliott Snow, Superintending Constructor—Continued.
Destroyer Paul Jones (No. 10), San Francisco, Cal.
Destroyer Perry (No. 11), San Francisco, Cal.
Destroyer Preble (No. 12), San Francisco, Cal.
Torpedo boat Farragut (No. 11), San Francisco, Cal.
Assistant Naval Constructor Thomas G. Roberts, Assistant Constructor, San Francisco, Cal.

Naval Constructor George H. Rock, Superintending Constructor:
Destroyer Dale (No. 4), Richmond, Va.
Destroyer Decatur (No. 5), Richmond, Va.
Torpedo boat Shubrick (No. 31), Richmond, Va.
Torpedo boat Stockton (No. 32), Richmond, Va.
Torpedo boat Thornton, (No. 34), Richmond, Va.
Assistant Naval Constructor Joseph E. McDonald, Assistant Constructor, Richmond, Va.
Mate Thomas J. Garrett, Assistant to Constructor, Richmond, Va.

Assistant Naval Constructor Horatio G. Gillmor, Superintending Constructor:
Cruiser Albany, Elswick, England.

Assistant Naval Constructor Homer L. Ferguson, Superintending Constructor:
Torpedo boat Rowan (No. 8), Seattle, Wash.
Torpedo boat Davis (No. 12), Portland, Oreg.
Torpedo boat Fox (No. 13), Portland, Oreg.

Assistant Naval Constructor Daniel C. Nutting, jr., Superintending Constructor:
Destroyer Lawrence (No. 8), Weymouth, Mass.
Destroyer Macdonough (No. 9), Weymouth, Mass.
Torpedo boat Blakely (No. 27), South Boston, Mass.
Torpedo boat De Long (No. 28), South Boston, Mass.

ORDER OF PRECEDENCE

OF

IMISSIONED OFFICERS OTHER THAN THE GRADE OF REAR-ADMIRAL ON THE ACTIVE LIST OF THE UNITED STATES NAVY, NOT AFFECTED BY THE DECISION OF THE ATTORNEY-GENERAL DATED JUNE 28, 1894.

[NOTE.—The date given is the date of precedence in whatever grade the officer may be.]

LINE OFFICERS.

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
rge C. Remey	20 Sept. 55	George W. Pigman	28 Sept. 60	Charles Belknap	20 Feb. 63
man H. Farquhar	do	John McGowan	20 Sept. 61	Fernando P. Gilmore	do
n C. Watson	20 Sept. 56	James G. Green	do	Eugene H. C. Leutze	do
n W. Philip	do	James M. Forsyth	do	Uriel Sebree	do
ry B. Robeson	do	Charles H. Rockwell	do	Albert R. Couden	do
s Casey	25 Sept. 56	George A. Converse	do	Edwin C. Pendleton	do
tlett J. Cromwell	21 Sept. 57	Royal B. Bradford	do	William Swift	do
ncis J. Higginson	do	Joseph E. Craig	do	Henry B. Mansfield	do
ry F. Picking	do	Charles M. Thomas	do	Fred. M. Symonds	do
derick Rodgers	do	Albert S. Snow	do	Walton Goodwin	do
is Kempff	20 Sept. 58	George C. Reiter	do	Albert Ross	do
rge W. Sumner	do	Willard H. Brownson	do	Richardson Clover	do
jamin F. Day	do	Henry E. Nichols	do	James M. Miller	do
x. H. McCormick	21 Sept. 59	William W. Mead	do	Frederick M. Wise	do
ert S. Barker	do	Edwin S. Houston	do	John V. B. Bleecker	do
rles S. Cotton	do	Edwin Longnecker	21 Sept. 61	Andrew Dunlap	do
ley D. Evans	do	George E. Ide	25 Sept. 61	Richard Rush	do
s W. Terry	do	George M. Book	do	Edward H. Gheen	do
rrill Miller	do	Thomas Perry	do	Wells L. Field	do
n J. Read	do	Charles H. Stockton	27 Sept. 61	Harrison G. O. Colby	do
ry C. Taylor	do	Asa Walker	do	Leavitt C. Logan	do
rtimer L. Johnson	24 Nov. 59	Oscar W. Farenholt	31 Jan. 62	Conway H. Arnold	do
win M. Shepard	do	Edward T. Strong	do	William S. Cowles	21 July 63
nk Wildes	do	Robert E. Impey	do	Charles O. Allibone	23 July 63
ry Glass	do	Eugene W. Watson	do	Edward D. Taussig	do
lip H. Cooper	do	John F. Merry	do	John E. Pillsbury	22 Sept. 63
rge H. Wadleigh	do	William C. Gibson	do	William H. Reeder	do
nt S. Crowninshield	do	Washburn Maynard	do	Daniel Delehanty	do
es H. Sands	do	Henry W. Lyon	do	Charles C. Cornwell	20 July 64
es Stirling	do	James H. Dayton	do	Dennis W. Mullan	do
ncis A. Cook	do	M. R. S. Mackenzie	do	Raymond P. Rodgers	do
rles E. Clark	do	Charles S. Sperry	do	Royal R. Ingersoll	do
liam C. Wise	20 Sept. 60	Frank Courtis	do	Adolph Marix	do
eph B. Coghlan	do	William W. Reisinger	do	Duncan Kennedy	do
nell F. Harrington	do	William T. Burwell	do	Seaton Schroeder	do
oll Ludlow	do	John J. Hunker	do	James D. J. Kelley	21 July 64
rles D. Sigsbee	do	Franklin Hanford	do	Richard Wainwright	do
emiah M. Dyer	do	Robert M. Berry	do	Jefferson F. Moser	do
by M. Chester	do	Samuel W. Very	12 Apr. 62	Robert T. Jasper	do
rles J. Barclay	do	Henry N. Manney	do	Franklin J. Drake	do
nch E. Chadwick	do	Chapman C. Todd	do	Thomas C. McLean	do
j. P. Lamberton	do	Joseph N. Hemphill	1 June 62	William J. Barnette	do
hard P. Leary	do	Abraham B. H. Lillie	do	Francis H. Delano	do
lliam H. Whiting	do	Wm. T. Swinburne	do	Charles T. Forse	do
rles O'Neil	24 Sept. 60	Wm. H. Emory	do	Edwin K. Moore	do
par F. Goodrich	do	George A. Bicknell	do	John A. Rodgers	do
wman H. McCalla	do	Charles T. Hutchins	do	Albion V. Wadhams	do
odore F. Jewell	do	Seth M. Ackley	23 Sept. 62	James D. Adams	do
lliam M. Folger	do	Benjamin F. Tilley	20 Feb. 63	James R. Selfridge	do
n Schouler	do	Harry Knox	do	James K. Cogswell	do
ncis W. Dickins	do	Clifford H. West	do	William H. Everett	do
rge F. F. Wilde	28 Sept. 60	John P. Merreli	do	John M. Hawley	do
arles H. Davis	do	Joseph G. Eaton	do	Thomas H. Stevens	do
rles J. Train	do	Edward P. Wood	do	James W. Carlin	23 July 64
win White	do	William I. Moore	do	Gottfried Blocklinger	do

Name.	Date of precedence.
Perry Garst	23 July 64
Frederic Singer	do
Arthur B. Speyers	do
Ebenezer S. Prime	28 July 64
William P. Potter	do
Nathan E. Niles	do
Giles B. Harber	do
Charles P. Perkins	1 July 65
Newton E. Mason	do
Charles G. Bowman	do
William H. Beehler	do
John B. Briggs	do
Arthur P. Nazro	do
William W. Kimball	do
William P. Day	do
John C. Wilson	do
Uriah R. Harris	do
Richard G. Davenport	do
Edward B. Barry	do
Herbert Winslow	do
William H. Turner	21 July 65
Geo. P. Colvocoresses	do
Charles E. Colahan	do
Wainwright Kellogg	do
Albert G. Berry	do
John A. Norris	do
William H. Driggs	do
Nat. J. K. Patch	do
Thomas S. Phelps, jr	do
Karl Rohrer	do
John A. H. Nickels	do
Clinton K. Curtis	do
Theodoric Porter	do
Daniel D. V. Stuart	do
John H. Moore	do
Charles A. Adams	do
Kossuth Niles	do
Dennis H. Mahan	do
William F. Low	22 July 65
Nelson T. Houston	do
Clayton S. Richman	24 July 65
Samuel P. Comly	26 July 65
Hawley O. Rittenhouse	23 July 66
Robert G. Peck	do
John Hubbard	do
Alex. McCrackin	do
George L. Dyer	do
Lewis C. Heilner	do
Martin E. Hall	do
Edward M. Hughes	do
Herman F. Fickbohm	do
Joseph B. Murdock	do
Hugo Osterhaus	do
John B. Collins	do
Charles E. Vreeland	do
Corwin P. Rees	do
Albert C. Dillingham	do
George F. W. Holman	do
Nathan Sargent	do
Lazarus L. Reamey	24 July 66
James H. Bull	do
Greenlief A. Merriam	do
John B. Milton	28 July 66
William Kilburn	do
Jacob J. Hunker	30 July 66
George W. Mentz	26 Sept. 66
Sidney A. Staunton	21 June 67
Aaron Ward	do
Charles W. Bartlett	do
Chauncey Thomas	do
William A. Marshall	do
William M. Irwin	do
Gustavus C. Hanus	do
John E. Roller	do
Francis E. Greene	do
Carlos G. Calkins	do
William P. Elliott	do
Henry H. Barroll	do
William E. Sewell	do
Henry McCrea	do
Edward F. Qualtrough	do
James C. Cresap	24 June 67
Asher C. Baker	*1 July 67*

Name.	Date of precedence.
Wm. H. H. Southerland	22 June 68
Lucien Young	do
Jesse M. Roper	do
Charles E. Fox	23 June 68
John C. Fremont	do
Albert Mertz	do
Rogers H. Galt	do
Vincendon L. Cottman	21 Sept. 68
Frank E. Sawyer	22 Sept. 68
William H. Schuetze	21 June 69
Thomas B. Howard	22 June 69
Walter C. Cowles	do
Austin M. Knight	do
Charles J. Badger	do
Samuel W. B. Diehl	do
Reginald F. Nicholson	do
Samuel C. Lemly	do
Edmund B. Underwood	do
William F. Halsey	do
Frank A. Wilner	do
Henry Morrell	23 June 69
William Winder	do
Charles B. T. Moore	do
Ten Eyck D. W. Veeder	do
Alfred Reynolds	do
John M. Robinson	do
George H. Peters	4 June 70
Bradley A. Fiske	do
Frank H. Holmes	do
John F. Parker	do
Hamilton Hutchins	do
John M. Bowyer	do
John C. Colwell	do
William R. A. Rooney	do
Edward J. Dorn	do
Bernard O. Scott	do
Cameron McR. Winslow	do
George T. Emmons	do
York Noël	20 Sept. 70
Albon C. Hodgson	5 June 71
James M. Helm	do
William G. Cutler	do
Alexander Sharp	do
Charles Laird	do
Nathaniel R. Usher	do
Walter S. Hughes	do
Fidelio S. Carter	do
Frank F. Fletcher	do
Harry H. Hosley	do
Frank E. Beatty	do
Moses L. Wood	do
John A. Shearman	do
Robert M. Doyle	do
George M. Stoney	do
Frederick W. Coffin	do
Harry M. Hodges	do
William B. Caperton	do
James T. Smith	do
Henry C. Gearing	5 June 72
Templin M. Potts	do
William H. Allen	do
Burns T. Walling	do
Clifford J. Boush	do
James H. Sears	do
Abraham E. Culver	do
Henry T. Mayo	do
Charles C. Rogers	do
John T. Newton	do
Benjamin Tappan	do
Waldemar D. Rose	do
Charles F. Pond	6 June 72
Walter McLean	do
Wash. I. Chambers	do
James C. Gillmore	do
Charles A. Gove	do
De Witt Coffman	do
William G. Hannum	8 June 72
Richard Henderson	do
Thomas D. Griffin	do
Henry Minett	do
Richard T. Mulligan	do
Wm. Braunersreuther	do
Francis H. Sherman	do

Name.	Date of precedence.
William S. Hogg	24 Sept. 72
William F. Fullam	5 June 73
Thomas M. Brumby	do
Horace M. Witzel	do
Albert G. Winterhalter	do
John M. Orchard	do
John N. Jordan	do
Augustus F. Fechteler	do
Edward E. Wright	do
Albert Gleaves	do
James P. Parker	do
Ben W. Hodges	do
Herbert O. Dunn	do
Arthur W. Dodd	do
George W. Denfeld	do
Albert W. Grant	do
Philip V. Lansdale	do
Horace W. Harrison	do
Valentine S. Nelson	do
William S. Benson	do
William V. Bronaugh	do
Frank M. Bostwick	6 June 73
James H. Oliver	do
Harry M. Dombaugh	do
Percival J. Werlich	do
Simon Cook	do
Thomas S. Rodgers	9 June 74
John G. Quinby	do
James H. Glennon	do
William R. Rush	do
Harry P. Huse	do
Harry S. Knapp	do
William L. Rodgers	do
Roy C. Smith	do
Albert N. Wood	do
Edward Lloyd, jr	do
Richard M. Hughes	do
Charles N. Atwater	do
John H. L. Holcombe	do
William L. Burdick	do
Harry Kimmell	do
George R. Clark	do
George H. Stafford	do
Allen G. Rogers	do
William P. White	do
John H. Shipley	do
John E. Craven	do
Jas. H. Hetherington	do
John J. Knapp	do
Augustus C. Almy	do
John Hood	17 June 75
Leroy M. Garrett	do
Charles C. Marsh	do
John B. Blish	do
Carl W. Jungen	do
Charles H. Harlow	do
William A. Gill	do
Thomas W. Ryan	do
Walter J. Sears	19 June 75
John Gibson	do
John A. Bell	do
John A. Dougherty	do
Daniel P. Menefee	do
John B. Bernadou	do
John H. Gibbons	do
Thomas Snowden	do
Edwin H. Tillman	do
Robert F. Lopez	do
Frank W. Kellogg	do
John L. Purcell	do
Reuben O. Bitler	do
Harry Phelps	24 June 76
Patrick W. Hourigan	do
Homer C. Poundstone	do
Albert A. Ackerman	do
Albert P. Niblack	do
William Truxtun	do
Stokely Morgan	do
Francis J. Haeseler	do
Edward Simpson	do
William C. P. Muir	do
Edwards F. Leiper	do
Jos. H. Rohrbacher	do

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
William S. Sims	24 June 76	William E. Safford	22 Sept. 76	Hugh Rodman	22 Sept. 76
Miles C. Gorgas	do	William J. Maxwell	do	Robert Platt	21 Sept. 68
Louis S. Van Duzer	do	Franklin Swift	do		
Wilson W. Buchanan	do	John F. Luby	do		
Augustus N. Mayer	do	Lewis J. Clark	do		
Frederick R. Brainard	22 Sept. 76	Theodore G. Dewey	do	(Continued on page 150.)	

MEDICAL OFFICERS.

Chris. J. Cleborne	9 May 55	Millard H. Crawford	1 Nov. 70	Charles M. De Valin	27 Jan. 86
Walter K. Scofield	1 July 55	George P. Lumsden	2 Nov. 70	Charles P. Bagg	17 Mar. 86
Grove S. Beardsley	do	Emlyn H. Marsteller	do	Carl D. Brownell	6 Apr. 86
John H. Clark	14 Aug. 55	William H. Rush	13 Feb. 71	Henry D. Wilson	22 Apr. 86
Wm. K. Van Reypen	2 Sept. 55	James C. Byrnes	do	Lewis Morris	27 June 86
Thomas C. Walton	do	Samuel H. Griffith	15 Dec. 71	John M. Moore	11 Nov. 86
Charles H. White	do	Averley C. H. Russell	3 June 73	Brownlee R. Ward	14 Jan. 87
George W. Woods	do	Clement Biddle	do	Edward M. Shipp	20 Mar. 87
Daniel McMurtrie	do	Henry T. Percy	30 June 73	Charles E. Riggs	13 Apr. 87
James Rufus Tryon	25 June 57	James D. Gatewood	6 July 74	James F. Leys	22 June 87
James M. Flint	26 Oct. 57	Oliver Diehl	do	Richard G. Brodrick	2 Aug. 87
George A. Bright	26 May 58	John M. Edgar	9 July 75	Frank C. Cook	22 Dec. 87
George F. Winslow	do	Philip Leach	do	Ammen Farenholt	29 May 88
Hosea J. Babin	13 May 59	Lloyd W. Curtis	6 July 76	Charles P. Kindleberger	9 July 88
Joseph B. Parker	8 Oct. 60	Henry B. Fitts	do	Arthur W. Dunbar	10 Oct. 88
Joseph G. Ayers	do	Victor C. B. Means	3 June 78	Theodore W. Richards	12 Nov. 88
Abel F. Price	26 Mar. 62	Frederick J. B. Cordeiro	26 June 78	Reginald K. Smith	3 Apr. 89
Michael C. Drennan	do	Francis W. F. Wieber	3 Nov. 78	Jacob C. Rosenbleuth	14 Oct. 89
James A. Hawke	do	Oliver D. Norton	22 Apr. 79	Moulton K. Johnson	12 Nov. 89
Robert A. Marmion	do	Frederick A. Hesler	do	William M. Wheeler	29 May 90
Dwight Dickinson	31 Mar. 63	Louis W. Atlee	29 Mar. 80	Robert S. Blakeman	do
William G. Farwell	19 Apr. 63	Isaac W. Kite	1 Apr. 80	Samuel B. Palmer	6 June 90
John C. Wise	21 Mar. 64	Andrew R. Wentworth	do	George D. Costigan	11 Aug. 90
George P. Bradley	do	Corbin J. Decker	17 June 80	Middleton S. Elliott	6 Oct. 90
Charles U. Gravatt	28 Apr. 64	Thomas A. Berryhill	do	Frank L. Pleadwell	24 Oct. 90
Paul Fitzsimons	27 Jan. 65	Eugene P. Stone	5 Aug. 80	Dudley N. Carpenter	do
William S. Dixon	do	Frederick W. Olcott	21 Jan. 81	Daniel H. Morgan	27 Nov. 90
Charles A. Siegfried	5 Mar. 66	Stephen S. White	19 May 81	James C. Pryor	27 Feb. 91
Remus C. Persons	do	George McC. Pickrell	16 Jan. 82	Washington B. Grove	3 June 91
Nelson M. Ferebee	29 Mar. 66	Rand P. Crandall	17 Jan. 82	Raymond Spear	22 June 91
Franklin Rogers	do	Hatton N. T. Harris	13 June 82	Joseph C. Thompson,	19 July 91
James R. Waggener	12 Apr. 66	John F. Urie	3 July 82	Harold H. Hass	28 Dec. 91
Thomas H. Streets	do	Albert M. D. McCormick	23 July 82	Edward V. Armstrong	5 Apr. 92
Manly H. Simons	28 May 66	Will F. Arnold	18 Aug. 82	William H. Bucher	do
John C. Boyd	3 Mar. 67	George B. Wilson	1 Feb. 83	Edgar Thompson	19 Apr. 92
George E. H. Harmon	do	Charles F. Stokes	do	John B. Dennis	24 May 92
Howard Wells	do	Edward R. Stitt	23 Mar. 83	Elon O. Huntington	do
Daniel N. Bertolette	do	Manley F. Gates	27 Mar. 83	Ralph T. Orvis	27 May 92
Ezra Z. Derr	do	Chas. H. T. Lowndes	30 Mar. 83	David B. Kerr	1 June 92
Frank B. Stephenson	14 Mar. 67	George H. Barber	23 May 83	Charles A. Crawford	do
Presley M. Rixey	28 Jan. 68	George Rothganger	24 May 83	Eugene J. Grow	8 June 92
Walter A. McClurg	8 Feb. 68	George T. Smith	3 June 83	James R. Whiting	14 June 92
Cumberland G. Herndon	3 May 68	George A. Lung	18 Aug. 83	Thomas M. Lippitt	27 June 92
Lucien G. Heneberger	17 June 68	Luther L. Von Wedekind	3 Nov. 83	Alfred G. Grunwell	7 July 92
Edward H. Green	11 Mar. 69	Edward S. Bogert, jr	16 Apr. 84	Daniel G. Beebe	do
Samuel H. Dickson	19 Mar. 69	Leckinski W. Spratling	do	Cary D. Langhorne	do
David O. Lewis	8 Apr. 69	Robert M. Kennedy	18 June 84	Jerome S. Chaffee	21 July 92
Howard E. Ames	10 Apr. 69	Norman J. Blackwood	7 July 84	Frederick L. Benton	do
Lloyd B. Baldwin	1 May 69	William C. Braisted	24 Sept. 84	Will M. Garton	27 July 92
Frank Anderson	24 May 69	Sheldon G. Evans	18 Nov. 84	Frank E. McCullough	10 Aug. 92
Phillips A. Lovering	18 June 69	Adrian R. Alfred	24 Nov. 84	Francis M. Furlong	16 Sept. 92
William R. Du Bose	16 Oct. 69	James Stoughton	24 May 85	Granville L. Angeny	do
Charles T. Hibbett	do	Louis L. Young	do	William H. Bell	do
Nelson H. Drake	26 Feb. 70	Michael R. Pigott	do	Holton C. Curl	14 Oct. 92
Henry G. Beyer	19 May 70	John E. Page	18 June 85	William L. Bell	16 Nov. 92
John M. Steele	do	Middleton S. Guest	19 Nov. 85	Richmond C. Holcomb	2 Dec. 92
James E. Gardner	3 July 70	Joseph A. Guthrie	27 Jan. 86		

PAY OFFICERS.

Charles H. Eldredge	24 Aug. 55	Joseph A. Smith	9 Sept. 55	Arthur Burtis	14 July 56
Edward May	do	Thomas T. Caswell	do	Edwin Putnam	20 Sept. 56
Henry M. Denniston	do	Albert S. Kenny	19 Mar. 56	Robert P. Lisle	2 July 58
Rufus Parks	do	James E. Tolfree	11 June 56	Leonard A. Frailey	23 July 60
Frank C. Cosby	do	George A. Lyon	11 June 56	George E. Hendee	do
Edwin Stewart	9 Sept. 55	Edward Bellows	do	Henry T. Wright	do
George Cochran	do	George W. Beaman	do	Daniel A. Smith	do

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
George H. Griffing	23 July 60	Richard T. M. Ball	16 June 74	Edmund W. Bonnaffon	7 Nov. 90
Albert W. Bacon	do	Charles S. Williams	do	Joseph Fyffe	28 Dec. 90
Charles W. Slamm	do	Thomas J. Cowie	22 Mar. 75	John H. Merriam	18 May 91
Joseph Foster	do	John S. Carpenter	29 Oct. 75	Timothy S. O'Leary	26 July 91
Theodore S. Thompson	do	Livingston Hunt	do	Ulysses G. Ammen	1 Oct. 91
William J. Thomson	do	John A. Mudd	do	Robert C. Schenck	20 Oct. 91
Henry G. Colby	do	Willis B. Wilcox	do	George Brown, jr	15 Nov. 91
John B. Redfield	21 Feb. 61	George W. Simpson	1 Apr. 76	Walter B. Izard	18 Feb. 92
Ichabod G. Hobbs	do	Harry R. Sullivan	do	David Potter	do
Joel P. Loomis	do	Samuel L. Heap	do	Samuel Bryan	14 Mar. 92
Henry T. B. Harris	do	John Q. Lovell	26 July 76	George M. Lukesh	17 Mar. 92
Stephen Rand	12 Aug. 63	James S. Phillips	21 Oct. 76	John W. Morse	12 Apr. 92
Lawrence G. Boggs	24 Sept. 63	Thomas S. Jewett	14 Mar. 86	Arthur F. Huntington	10 May 92
Samuel R. Colhoun	28 Sept. 63	Frank T. Arms	do	Harry H. Balthis	do
William W. Barry	15 Mar. 64	Thomas H. Hicks	27 May 86	Charles Conard	do
Josiah R. Stanton	25 Mar. 64	Henry E. Jewett	do	William T. Gray	do
James A. Ring	12 July 64	Ziba W. Reynolds	do	George P. Dyer	24 May 92
James E. Cann	14 July 64	Eugene D. Ryan	29 July 86	Robert H. Woods	do
John N. Speel	1 July 69	Samuel McGowan	15 Mar. 88	Robert H. Orr	do
Reah Frazer	15 July 69	Henry A. Dent	do	William A. Merritt	do
Hiram E. Drury	8 Sept. 70	Walter L. Wilson	do	Franklin W. Hart	do
Charles W. Littlefield	do	William J. Littell	do	Harrison L. Robins	do
Arthur Peterson	23 Feb. 71	Philip V. Mohun	do	Webb V. H. Rose	do
Ambrose K. Michler	31 Oct. 71	Martin McM. Ramsay	22 Aug. 88	William H. Doherty	do
William W. Galt	25 Jan. 72	Joseph J. Cheatham	do	Charles W. Penrose	do
John R. Martin	14 June 72	Richard Hatton	2 Mar. 89	Charles Morris, jr	do
Charles M. Ray	3 Mar. 73	Barron P. Du Bois	23 May 89	Abel B. Pierce	do
Mitchell C. McDonald	do	Harry E. Biscoe	28 Aug. 89	Frederick K. Perkins	17 June 92
Eustace B. Rogers	do	John Irwin, jr	5 Sept. 89	George C. Shafer	10 July 92
Leeds C. Kerr	16 June 74	George G. Seibels	31 Aug. 90	Theodore J. Arms	23 Oct. 92

ENGINEER OFFICERS.

William G. Buehler	21 Nov. 51	Albert F. Dixon	10 Oct. 66	Benjamin C. Bryan	15 Sept. 75
Louis J. Allen	3 May 53	Joseph P. Mickley	do	Harold P. Norton	do
George W. Melville	26 Aug. 53	William H. Nauman	do	Clarence A. Carr	do
Joseph Trilley	21 Feb. 55	John K. Barton	1 Oct. 71	Edward H. Scribner	do
Peter A. Rearick	do	Robert G. Denig	do	Thomas F. Carter	do
Augustus H. Able	do	George B. Ransom	1 Oct. 72	Frank M. Bennett	do
George J. Burnap	13 May 55	William C. Eaton	do	James M. Pickrell	do
Cipriano Andrade	1 July 55	Alfred B. Canaga	do	Martin Bevington	do
John Lowe	12 Aug. 55	Abraham V. Zane	do	Frederic C. Bowers	do
Charles J. MacConnell	do	John R. Edwards	do	George R. Salisbury	do
Lewis W. Robinson	do	Stacy Potts	do	Samuel H. Leonard, jr	21 Oct. 75
William H. Harris	do	Henry T. Cleaver	do	Leo D. Miner	14 Sept. 76
James Entwistle	7 Jan. 56	Albert B. Willits	do	Thomas W. Kinkaid	do
Ralph Aston	do	James P. S. Lawrance	do	Harry Hall	do
William A. Windsor	30 July 56	Isaac S. K. Reeves	do	William H. Allderdice	do
Henry S. Ross	do	Wythe M. Parks	do	Charles A. E. King	do
John L. Hannum	do	Frank H. Bailey	1 Oct. 73	William S. Smith	do
Charles R. Roelker	do	George S. Willits	do	Gustav Kaemmerling	13 Sept. 77
John D. Ford	do	Walt. F. Worthington	do	Kenneth McAlpine	do
Alexander B. Bates	do	William N. Little	do	Clarence H. Mathews	do
Robert W. Milligan	do	Edward R. Freeman	do	De Witt C. Redgrave	do
Albert C. Engard	16 Jan. 57	Theo. F. Burgdorff	do	William W. White	do
John A. B. Smith	do	Frank H. Eldridge	do	Bias C. Sampson	do
George W. Baird	do	Edgar T. Warburton	do	Solon Arnold	do
Charles W. Rae	do	Robert I. Reid	do	Martin A. Anderson	do
Richard Inch	8 Sept. 57	George W. McElroy	do	Albert Moritz	do
Harrie Webster	20 May 58	Reynold T. Hall	do	Emil Theiss	1 Oct. 78
Holland N. Stevenson	10 Oct. 66	Franklin J. Schell	1 Oct. 74	Wm. H. Chambers	do
George Cowie	do	Robert S. Griffin	do	Charles E. Rommel	do
George H. Kearny	do	Frank W. Bartlett	do	Harry G. Leopold	do
William S. Moore	do	Frederick C. Bieg	do	Robert B. Higgins	do
Julien S. Ogden	do	Howard Gage	do	John C. Leonard	do
Warner B. Bayley	do	John L. Gow	do	Ward P. Winchell	do
Charles P. Howell	do	George E. Burd	do		
James H. Perry	do	Walter M. McFarland	15 Sept. 75		

(Continued on page 150.)

CHAPLAINS.

Name.	Date of precedence.	Name.	Date of precedence.	Name.	Date of precedence.
Wesley O. Holway	2 June 62	Frank Thompson	16 May 75	John P. Chidwick	2 Mar. 89
David H. Tribou	5 Feb. 66	Roswell R. Hoes	26 July 79	Harry W. Jones	6 June 90
Henry H. Clark	27 Jan. 67	Carroll Q. Wright	3 Mar. 79	William G. Cassard	3 Apr. 91
Adam A. McAlister	10 Nov. 67	Walter G. Isaacs	25 Apr. 82	Arthur O. Sykes	30 Dec. 91
Thomas A. Gill	22 Dec. 68	Charles H. Parks	do	William T. Helms	4 Feb. 92
Sylvester D. Boorom	9 July 69	William H. I. Reaney	14 Mar. 86	Frederic C. Brown	21 Apr. 92
Alfred L. Royce	18 Feb. 75	William E. Edmonson	24 Aug. 88	Robert E. Steele	24 Oct. 92
William F. Morrison	5 May 75	John B. Frazier	2 Mar. 89	Curtis H. Dickins	11 Nov. 92

PROFESSORS OF MATHEMATICS.

William Harkness	24 Aug. 57	Marshal Oliver	20 May 75	Omenzo G. Dodge	29 June 86
Wm. W. Hendrickson	21 Mar. 67	Stimson J. Brown	do	Henry M. Paul	3 Apr. 91
Henry D. Todd	16 Sept. 71	Edward K. Rawson	28 Oct. 84	Aaron N. Skinner	30 July 92
Edgar Frisby	11 June 72	Philip R. Alger	1 Nov. 84		

NAVAL CONSTRUCTORS AND ASSISTANT NAVAL CONSTRUCTORS.

Philip Hichborn	26 July 63	Robert Stocker	19 May 85	Homer L. Ferguson	1 July 88
William H. Varney	24 May 65	Frank W. Hibbs	do	Robert B. Dashiell	do
John F. Hanscom	30 July 69	Elliot Snow	do	Daniel C. Nutting, jr	1 July 89
Joseph Feaster	do	Richmond P. Hobson	1 July 85	Holden A. Evans	do
Francis T. Bowles	15 Sept. 75	George H. Rock	do	William P. Robert	1 July 90
Joseph H. Linnard	21 June 77	Thomas F. Ruhm	19 May 86	Daniel H. Cox	do
Joseph J. Woodward	27 June 77	Lawrence Spear	do	Thomas G. Roberts	do
David W. Taylor	13 June 81	Frank B. Zahm	19 May 87	Lawrence S. Adams	do
Albert W. Stahl	14 June 81	Horatio G. Gillmor	do	Stuart F. Smith	1 July 91
William J. Baxter	6 June 82	Henry G. Smith	do	William G. Groesbeck	do
Washington L. Capps	do	Richard M. Watt	do	Richard H. Robinson	21 Apr. 92
Lloyd Bankson	17 May 83	John D. Beuret	1 July 88		
John G. Tawresey	do	Joseph E. McDonald	do		

CIVIL ENGINEERS.

Peter C. Asserson	6 Mar. 68	Robert E. Peary	26 Oct. 75	Luther E. Gregory	5 Apr. 92
Mordecai T. Endicott	13 July 68	George Mackay	11 Apr. 84	Homer R. Stanford	24 May 92
Ulysses S. G. White	9 Jan. 71	Richard C. Hollyday	15 Mar. 88	James W. G. Walker	29 July 92
Franklin C. Prindle	22 July 73	Adolfo J. Menocal	15 Mar. 88	Andrew C. Cunningham	29 Sept. 92
Chris. C. Wolcott	26 Oct. 75	Frank T. Chambers	19 July 91	Henry H. Rousseau	do
Frank O. Maxson	do	Charles W. Parks	do	Fred Thompson	do

NOTE.—In cases when officers of different corps have the same date of precedence they will take rank as now published in the Navy Register, as follows:

1. Line Officers.
2. Medical Officers.
3. Pay Officers.
4. Engineer Officers.
5. Chaplains.
6. Professors of Mathematics.
7. Naval Constructors.
8. Civil Engineers.

ORDER OF PRECEDENCE OF GRADUATES OF THE NAVAL ACADEMY WHO HAVE BEEN COMMISSIONED IN THE LINE AND ENGINEER CORPS SINCE AUGUST 5, 1882.

Decision of the Attorney-General, dated June 28, 1894.

[NOTE.—The date given is the date of precedence in whatever grade the officer may be.]

Name.	Corps.	Date.
John A. Hoogewerff	Line	28 June 77
Edward E. Capehart	do	do
Henry B. Wilson	do	do
George P. Blow	do	do
Spencer S. Wood	do	28 June 78
Guy W. Brown	do	do
William B. Fletcher	do	do
Marbury Johnston	do	do
William B. Whittelsey	do	do
Edwin A. Anderson	do	do
Joseph L. Jayne	do	do
James G. Doyle	do	do
Albert L. Key	do	do
William L. Howard	do	do
Wiley R. M. Field	do	do
John M. Poyer	do	do
Charles P. Eaton	do	16 June 79
John M. Ellicott	do	do
Charles W. Dyson	Engineer	do
Harry George	Line	17 June 79
Frederick L. Chapin	do	29 Sept. 79
William C. Herbert	Engineer	1 Oct. 79
Alexander S. Halstead	do	do
Harry A. Field	Line	2 Oct. 79
Chester M. Knepper	do	4 June 80
Clarence S. Williams	do	do
Albert M. Beecher	do	do
Frank K. Hill	do	14 June 80
Roger Welles, jr	do	do
John D. McDonald	do	do
Walter O. Hulme	do	do
Henry E. Parmenter	do	do
Hilary P. Jones	do	do
William R. Shoemaker	do	do
Isaac K. Seymour	do	25 Sept. 80
Charles M. Fahs	do	1 Oct. 80
Charles P. Plunkett	do	do
Humes H. Whittlesey	do	do
Albert C. Dieffenbach	do	15 June 81
Theodore C. Fenton	do	do
Volney O. Chase	do	do
George R. Slocum	do	do
William G. Miller	do	do
George W. Kline	do	do
John P. McGuinness	do	do
Joseph Strauss	do	do
Charles S. Stanworth	do	do
Robert L. Russell	do	do
Harrison A. Bispham	do	do
Armistead Rust	do	do
George R. Evans	do	do
Edward W. Eberle	do	do
Charles M. McCormick	do	28 Sept. 81
Glennie Tarbox	do	do
William W. Gilmer	do	do
Robert E. Coontz	do	do
William H. G. Bullard	do	17 June 82
Webster A. Edgar	do	do
Joseph W. Oman	do	do
Philip Andrews	do	do
William H. Faust	do	do
Harold K. Hines	do	do
Ryland D. Tisdale	do	do
Samuel M. Strite	do	do
George F. Cooper	do	do
Edward T. Witherspoon	do	28 Sept. 82
Benton C. Decker	do	2 May 83
Mark L. Bristol	do	do
Benjamin W. Wells	do	do
Newton A. McCully	do	do
Levi C. Bertolette	do	do
George W. Logan	do	do
Edward Moale, jr	do	do
Henry F. Bryan	do	do
Andrew T. Long	Line	17 May 83
Edward H. Durell	do	do
Archibald H. Scales	do	do
Ford H. Brown	do	do
Victor Blue	do	do
Clarence M. Stone	do	do
Thomas Washington	do	do
Francis Boughter	do	do
Archibald H. Davis	do	do
Guy H. Burrage	do	19 May 83
Frank M. Russell	do	do
James E. Palmer	Engineer	28 June 83
Josiah S. McKean	do	do
Charles H. Hayes	do	do
Horace W. Jones	do	do
William W. Bush	do	do
Frank Marble	Line	17 May 84
Ashley H. Robertson	do	do
Carlo B. Brittain	do	do
Casey B. Morgan	do	do
William M. Crose	do	do
John F. Hubbard	do	do
Marcus L. Miller	do	do
Lloyd H. Chandler	do	do
Oscar W. Koester	Engineer	do
George N. Hayward	Line	18 May 84
Samuel S. Robison	do	do
Henry K. Benham	do	do
Charles F. Hughes	do	do
Albert L. Norton	do	do
James H. Reid	do	do
Edward L. Beach	Engineer	do
Herman O. Stickney	do	do
Henry A. Wiley	Line	19 May 84
Frederick B. Bassett	do	do
Herbert G. Gates	do	4 Sept. 84
Richard H. Jackson	do	do
Arthur B. Hoff	do	20 May 85
Nathan C. Twining	do	do
Benjamin F. Hutchison	do	do
Sumner E. W. Kittelle	do	do
William V. Pratt	do	do
Louis M. Nulton	Engineer	do
George R. Marvell	Line	21 May 85
John B. Patton	Engineer	do
Thomas P. Magruder	Line	22 May 85
William D. MacDougall	do	do
George B. Bradshaw	do	do
George W. Danforth	Engineer	do
Louis R. de Steiguer	Line	23 May 85
William W. Phelps	do	do
Louis A. Kaiser	do	do
William C. Cole	do	do
Cleland N. Offley	Engineer	do
Charles A. Brand	Line	24 May 85
Philip Williams	do	do
Warren J. Terhune	do	do
George G. Mitchell	do	do
William K. Harrison	do	do
Frank H. Schofield	do	19 May 86
Noah T. Coleman	do	do
Urban T. Holmes	Engineer	do
Jehu V. Chase	Line	20 May 86
Henry J. Ziegemeier	do	do
Cleland Davis	do	do
Matt H. Signor	do	do
William H. Buck	do	do
George W. Williams	do	do
Claude B. Price	Engineer	do
Montgomery M. Taylor	Line	21 May 86
Henry S. Ritter	do	do
Franklin B. Sullivan	do	do
Charles T. Vogelgesang	do	do
Charles B. McVay, jr	do	do

Name.	Corps.	Date.
Lay H. Everhart	Line	21 May 86
Claude Bailey	do	do
John H. Dayton	do	do
Lucius A. Bostwick	do	do
William A. Moffett	do	do
Julian L. Latimer	do	do
Doctor E. Dismukes	Engineer	do
John R. Edie	Line	22 May 86
Reginald R. Belknap	do	19 May 87
De Witt Blamer	do	do
John K. Robison	Engineer	do
Arthur L. Willard	Line	20 May 87
Edwin T. Pollock	do	do
Clark D. Stearns	do	do
Harry H. Caldwell	do	do
Henry C. Kuenzli	do	do
John H. Rowen	Engineer	do
Henry H. Hough	Line	21 May 87
Milton E. Reed	Engineer	do
Harley H. Christy	Line	22 May 87
Noble E. Irwin	do	do
Waldo Evans	do	do
Charles R. Emrich	Engineer	do
Thomas J. Senn	Line	23 May 87
Jay H. Sypher	do	do
Bion B. Bierer	do	do
William H. McGrann	Engineer	do
Horace G. Macfarland	Line	24 May 87
Charles F. Preston	do	25 May 87
Richard H. Leigh	do	do
Adelbert Althouse	do	do
William D. Brotherton	do	do
James F. Carter	do	do
Harry E. Smith	do	do
George W. Laws	Engineer	do
Armin Hartrath	do	do
George C. Day	Line	19 May 88
Luke McNamee	do	do
Frederick L. Sawyer	do	do
Charles L. Hussey	do	20 May 88
John R. Y. Blakely	do	do
Charles T. Jewell	do	do
Gregory C. Davison	do	do
Leon S. Thompson	do	do
Frederick A. Traut	do	do
John F. Hines	do	do
Fred R. Payne	do	do
Robert K. Crank	Engineer	do
Stanford E. Moses	do	do
Powers Symington	Line	21 May 88
Yates Stirling, jr	do	do
Raymond D. Hasbrouck	Engineer	do
George Mallison	Line	22 May 88
Walter Ball	Engineer	do
Joel R. P. Pringle	Line	23 May 88
Benjamin B. McCormick	do	do
Edward S. Kellogg	Engineer	18 Aug. 88
David V. H. Allen	do	6 Sept. 88
Wilfrid V. Powelson	Line	18 May 89
William S. Montgomery	do	do
Frank H. Clark, jr	do	do
Henry H. Ward	do	do
Eugene L. Bisset	do	do
Edward H. Campbell	do	do
Charles J. Lang	do	do
Henry B. Price	Engineer	do
Walter S. Crosley	Line	19 May 89
Martin E. Trench	Engineer	do
William K. Gise	Line	20 May 89
Thomas S. Wilson	do	do
Henry A. Pearson	do	do
Orton P. Jackson	do	do
Frank D. Read	Engineer	do
Frank L. Chadwick	Line	21 May 89
John S. Doddridge	do	do
Percy N. Olmsted	do	do
John R. Brady	Engineer	3 June 89
Allen M. Cook	do	do
Christopher C. Fewel	Line	4 June 89
Frank B. Upham	do	do
John L. Sticht	do	do
Richard S. Douglas	do	do
Alfred A. McKethan	do	5 Sept. 89
Alfred A. Pratt	do	6 Sept. 89
Emmet R. Pollock	Engineer	6 Sept. 89
André M. Procter	do	do
John P. J. Ryan	do	17 Apr. 90
John R. Morris	do	do
Chester Wells	do	do
Irvin V. Gillis	Line	19 May 90
Ridley McLean	do	do
Raymond Stone	do	do
David F. Sellers	do	do
Charles Webster	do	do
John T. Tompkins	do	do
John M. Hudgins	Engineer	do
Provoost Babin	Line	20 May 90
Simon P. Fullinwider	do	do
Lewis B. Jones	do	do
Boling K. McMorris	Engineer	do
Stephen V. Graham	Line	21 May 90
Alfred W. Hinds	Engineer	do
Ernest L. Bennett	Line	22 May 90
Roscoe C. Moody	Engineer	do
Fritz L. Sandoz	Line	23 May 90
Leland F. James	Engineer	do
John M. Luby	Line	24 May 90
Ralph H. Chappell	Engineer	do
Joseph M. Reeves	do	do
William P. Scott	Line	25 May 90
Arthur G. Kavanagh	do	do
Ignatius T. Cooper	Engineer	do
Carlton F. Snow	Line	26 May 90
Henry T. Baker	Engineer	do
Frank Lyon	do	do
Charles S. Bookwalter	Line	27 May 90
Hutch I. Cone	Engineer	do
Roscoe C. Bulmer	Line	28 May 90
Gilbert S. Galbraith	do	do
Emory Winship	Engineer	do
Roscoe Spear	Line	29 May 90
Robert W. McNeely	do	do
Walter S. Turpin	do	do
George L. P. Stone	do	do
William S. Whitted	do	do
Robert H. Osborn	do	do
Walter J. Manion	do	do
George E. Gelm	do	do
Clarence England	do	do
Edwin H. De Lany	Engineer	do
Frank H. Brumby	Line	19 May 91
Thomas M. Dick	Engineer	do
Charles K. Mallory	do	do
Frank P. Baldwin	Line	20 May 91
William C. Davidson	do	do
Newton Mansfield	Engineer	do
Harris Laning	Line	21 May 91
James P. Morton	Engineer	do
Daniel M. Garrison	do	do
Franklin D. Karns	do	do
David W. Todd	Line	22 May 91
John V. Klemann	do	do
William R. Cushman	do	do
Henry V. Butler, jr	do	do
Walter R. Gherardi	do	do
John R. Monaghan	do	do
James J. Raby	do	do
James E. Walker	do	do
Frederick N. Freeman	Engineer	do
William H. Standley	Line	23 May 91
Arthur T. Chester	do	do
Cassius B. Barnes	do	4 Sept. 91
Albion J. Wadhams	do	do
Kenneth M. Bennett	do	do
Edward H. Watson	do	do
Orlo S. Knepper	do	do
Michael J. McCormack	do	5 Sept. 91
John F. Marshall, jr	Engineer	do
Rufus Z. Johnston, jr	Line	6 Sept. 91
Ernest F. Eckhardt	Engineer	do
Edward H. Dunn	do	do
Thomas D. Parker	do	do
Charles L. Leiper	do	20 May 92
Jonas H. Holden	Line	21 May 92
Thomas T. Craven	do	do
Charles L. Poor	do	do
Ralph Earle	do	do
Gatewood S. Lincoln	Engineer	do

Name.	Corps.	Date.	Name.	Corps.	Date.
Andrew E. Kalbach	Line	22 May 92	Charles E. Gilpin	Line	3 July 93
Edward T. Fitzgerald	Engineer	do	Mark St. C. Ellis	do	do
Daniel W. Wurtsbaugh	Line	23 May 92	Edward McCauley, jr	do	6 Sept. 93
Ivan C. Wettengel	do	do	Kenneth G. Castleman	Engineer	do
Charles M. Tozer	do	do	William L. Littlefield	do	do
Henry O. Bisset	Engineer	do	Earl P. Jessop	Line	7 Sept. 92
Watt T. Cluverius	Line	24 May 92	John H. Roys	do	do
Duncan M. Wood	do	1 July 92	Henry C. Mustin	do	do
Leigh C. Palmer	do	do	Pope Washington	Engineer	do
Albert W. Marshall	Engineer	do	George B. Rice	do	do
Thomas A. Kearny	Line	2 July 92	Roland I. Curtin	Line	8 Sept. 92
Arthur MacArthur, jr	do	do	James B. Henry, jr	Engineer	do
Frank E. Ridgely	do	do	Arthur Crenshaw	do	do
Dudley W. Knox	do	do	Amon Bronson, jr	Line	30 Sept. 92
Charles P. Burt	Engineer	do	Joseph W. Powell	do	19 May 93

LIST OF SHIPS OF THE UNITED STATES NAVY.

[ABBREVIATIONS.—*Hull:* S., steel; I., iron; W., wood. *Propulsion:* S., screw; T. S., twin screw; Tr. S., triple screw; P., paddle.]

FIRST RATE.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Iowa	11,340	1st class battle ship	S.	12,105	T. S.	18	Special service Squadron.
Indiana	10,288	.....do	S.	9,738	T. S.	16	North Atlantic Station.
Massachusetts	10,288	.....do	S.	10,403	T. S.	16	Do.
Oregon	10,288	.....do	S.	11,111	T. S.	16	Special service Squadron.
Brooklyn	9,215	Armored cruiser	S.	18,769	T. S.	20	North Atlantic Station.
New York	8,200	.....do	S.	17,401	T. S.	18	Do.
Columbia	7,375	Protected cruiser	S.	18,509	Tr. S.	11	In reserve.
Minneapolis	7,375	.....do	S.	20,862	Tr. S.	11	Do.
Texas	6,315	2d class battle ship	S.	8,610	T. S.	8	North Atlantic Station.
Puritan	6,060	Double-turret monitor.	I.	3,700	T. S.	10	In reserve, navy-yard, Norfolk, Va.
Olympia	5,870	Protected cruiser	S.	17,313	T. S.	14	Asiatic Station.

SECOND RATE.

Chicago	4,500	Protected cruiser	S.	9,000	T. S.	18	North Atlantic Station.
Baltimore	4,413	.....do	S	10,064	T. S.	10	Asiatic Station.
Philadelphia	4,324	.....do	S.	8,815	T. S.	12	Pacific Station.
Monterey	4,084	Barbette turret, low free-board monitor.	S.	5,244	T. S.	4	Asiatic Station.
Newark	4,098	Protected cruiser	S.	8,869	T. S.	12	North Atlantic Station.
San Francisco	4,098	.....do	S.	9,913	T. S.	12	Navy-yard, Norfolk, Va.
Charleston	3,730	.....do	S.	6,666	T. S.	8	Asiatic Station.
Miantonomoh	3,990	Double-turret monitor.	I.	1,426	T. S.	4	In reserve, League Island, Pa.
Amphitrite	3,990	.....do	I.	1,600	T. S.	6	Special service.
Monadnock	3,990	.....do	I.	3,000	T. S.	6	Asiatic Station.
Terror	3,990	.....do	I.	1,600	T. S.	4	In reserve, navy-yard, Norfolk, Va.
New Orleans	3,437	Protected cruiser	S.	7,500	T. S.	10	North Atlantic Station.
Albany	3,437	.....do	S.	7,500	T. S.	10	Being completed.
Lancaster	3,250	Cruiser	W.	1,000	S.	12	Special service.
Cincinnati	3,213	Protected cruiser	S.	10,000	T. S.	11	North Atlantic Station.
Raleigh	3,213	.....do	S.	10,000	T. S.	11	Unassigned.
Atlanta	3,000	.....do	S.	4,030	S.	8	Repairing at navy-yard, New York.
Boston	3,000	.....do	S.	4,030	S.	8	Asiatic Station.

THIRD RATE.

Hartford	2,790	Cruiser	W.	2,000	S.	13	Repairing at navy-yard, Mare Island.
Mayflower	2,690	.....do	.....	4,700	T. S.	2	North Atlantic Station.
Katahdin	2,155	Harbor-defense ram	S.	5,068	T. S.	4	Navy-yard, League Island.
Ajax	2,100	Single-turret monitor.	I.	340	S.	2	Do.
Canonicus	2,100	.....do	I.	340	S.	2	Do.
Mahopac	2,100	.....do	I.	340	S.	2	Do.
Manhattan	2,100	.....do	I.	340	S.	2	Do.
Detroit	2,089	Unprotected cruiser	S.	5,227	T. S.	10	North Atlantic Station.
Montgomery	2,089	.....do	S.	5,580	T. S.	10	Do.
Marblehead	2,089	.....do	S.	5,451	T. S.	10	Do.
Mohican	1,900	Cruiser	W.	1,100	S.	8	Navy-yard, Mare Island.
Comanche	1,875	Single-turret monitor.	I.	340	S.	2	Do.
Catskill	1,875	.....do	I.	340	S.	2	Navy-yard, League Island.
Jason	1,875	.....do	I.	340	S.	2	Do.
Lehigh	1,875	.....do	I.	340	S.	2	Do.
Montauk	1,875	.....do	I.	340	S.	2	Do.
Nahant	1,875	.....do	I.	340	S.	2	Do.
Nantucket	1,875	.....do	I.	340	S.	2	Naval Station, Port Royal, S. C.
Passaic	1,875	.....do	I.	340	S.	2	Navy-yard, Pensacola.
Bennington	1,710	Gunboat	S.	3,436	T. S.	6	Asiatic Station.
Concord	1,710	.....do	S.	3,405	T. S.	6	Do.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Yorktown	1,710	Gunboat	S.	3,392	T. S.	6	Pacific Station.
Topeka	1,700	do	I.	2,000	S.	6	North Atlantic Station.
Dolphin	1,486	Dispatch boat	S.	2,253	S.	3	Special service.
Wilmington	1,392	Light-draft gunboat.	S.	1,894	T. S.	8	Unassigned.
Helena	1,392	do	S.	1,988	T. S.	8	Asiatic Station.
Adams	1,375	Cruiser	W.	800	S.	6	Training service.
Alliance	1,375	do	W.	800	S.	6	Do.
Essex	1,375	do	W.	800	S.	6	Do.
Enterprise	1,375	do	W.	800	S.	4	Public Marine School, Boston.
Nashville	1,371	Light-draft gunboat.	S.	2,536	T. S.	8	North Atlantic Station.
Monocacy	1,370	do	I.	850	P.	6	Asiatic Station.
Castine	1,177	Gunboat	S.	2,199	T. S.	8	North Atlantic Station.
Machias	1,177	do	S.	2,046	T. S.	8	Do.
Alert	1,020	Cruiser	I.	500	S.	3	Navy-yard, Mare Island.
Ranger	1,020	do	I.	500	S.	6	Navy-yard, Mare Island.
Annapolis	1,000	Composite gunboat.	Comp	1,227	S.	6	Training service.
Vicksburg	1,000	do	Comp	1,118	S.	6	Do.
Wheeling	1,000	do	Comp	1,081	T. S.	6	Special service.
Marietta	1,000	do	Comp	1,054	T. S.	6	North Atlantic Station.
Newport	1,000	do	Comp	1,008	S.	6	Navy-yard, Norfolk, Va.
Princeton	1,000	Composite gunboat.	Comp	800	S.	6	North Atlantic Station.

FOURTH RATE.

Vesuvius	929	Dynamite-gun vessel.	S.	3,795	T. S.	3	Navy-yard, Boston.
Petrel	892	Gunboat	S.	1,095	S.	4	Asiatic Station.
Fern	840	Training ship	W.	.....	S.	.....	Naval Militia, Washington, D. C.
Bancroft	839	Gunboat	S.	1,213	T. S.	4	Navy-yard, Boston.
Michigan	685	Cruiser	I.	365	P.	4	Special service, Northwestern Lakes.
Pinta	550	Gunboat	I.	310	S.	2	Naval Militia, San Diego, Cal.

TORPEDO BOATS.

Cushing (No. 1)	105	Torpedo boat	S.	1,720	T. S.	a 3	Navy-yard, New York.
Ericsson (No. 2)	120	do	S.	1,800	T. S.	a 3	Do.
Foote (No. 3)	142	do	S.	2,000	T. S.	a 3	Do.
Rodgers (No. 4)	142	do	S.	2,000	T. S.	a 3	Do.
Winslow (No. 5)	142	do	S.	2,000	T. S.	a 3	Do.
Porter (No. 6)	165	do	S.	.....	T. S.	a 3	Do.
Dupont (No. 7)	165	do	S.	.....	T. S.	a 3	Naval Station, Newport, R. I.
Rowan (No. 8)	182	do	S.	3,200	T. S.	a 3	Moran Bros. Co., Seattle, Wash.
Dahlgren (No. 9)	146	do	S.	4,200	T. S.	a 2	Building at Bath Iron Works.
T. A. M. Craven (No. 10).	146	do	S.	4,200	T. S.	a 2	Do.
Farragut (No. 11)	273	do	S.	5,600	T. S.	a 2	Building at Union Iron Works.
Davis (No. 12)	132	do	S.	1,750	T. S.	a 3	Building at Wolff & Zwicker's Works, Portland, Oreg.
Fox (No. 13)	132	do	S.	1,750	T. S.	a 3	Do.
Morris (No. 14)	195	do	S.	1,750	T. S.	a 3	Naval Station, Newport, R. I.
Talbot (No. 15)	46½	do	S.	850	S.	a 2	Naval Academy, Annapolis, Md.
Gwin (No. 16)	46	do	S.	850	S.	a 2	Do.
Mackenzie (No. 17)	65	do	S.	850	S.	a 2	Chas. Hillman & Co., Philadelphia, Pa.
McKee (No. 18)	65	do	S.	850	S.	a 2	Navy-yard, New York.
Stringham (No. 19)	340	do	S.	7,200	T. S.	a 2	Building at Harlan & Hollingsworth Co.'s Works, Wilmington, Del.
Goldsborough (No. 20)	247½	do	S.	.....	T. S.	a 2	Building at Wolff & Zwicker's Works, Portland, Oreg.
Bailey (No. 21)	235	do	S.	5,600	T. S.	a 2	Building at Gas Engine and Power Co. and Chas. L. Seabury Co. Consolidated Works, Morris Heights, N. Y.
Manly (No. 22)	.....	do	.....	.....	.....	a 1	Laid up at navy-yard, New York.
Somers (No. 23)	145	do	S.	1,900	S.	.....	Falmouth, England.
Bagley (No. 24)	167	Torpedo boat	S.	.....	T. S.	a 3	Building at Bath Iron Works, Maine.
Barney (No. 25)	167	do	S.	.....	T. S.	a 3	Do.
Biddle (No. 26)	167	do	S.	.....	T. S.	a 3	Do.
Blakely (No. 27)	165	do	S.	3,000	T. S.	a 3	Building at Lawley & Sons, South Boston, Mass.
De Long (No. 28)	165	do	S.	3,000	T. S.	a 3	Do.

a Torpedo tubes.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Nicholson (No. 29)	174	Torpedo boat	S.		T. S.	*a* 3	Building by Lewis Nixon, Elizabethport, N. J.
O'Brien (No. 30)	174	do	S.		T. S.	*a* 3	Do.
Shubrick (No. 31)	165	do	S.	3,000	T. S.	*a* 3	Building by Wm. R. Trigg Co., Richmond, Va.
Stockton (No. 32)	165	do	S.	3,000	T. S.	*a* 3	Do.
Thornton (No. 33)	165	do	S.	3,000	T. S.	*a* 3	Do.
Tingey (No. 34)	165	do	S.	3,000	T. S.	*a* 3	Building by Columbian Iron Works, Baltimore, Md.
Wilkes (No. 35)	165	do	S.	3,000	T. S.	*a* 3	Building by Gas Engine and Power Co. and Chas. L. Seabury & Co., Consolidated, Morris Heights, N. Y.
Stiletto	31	do	W.	359	S.	*a* 2	Torpedo Station, Newport, R. I.

TUGS.

Fortune	450	Tug	I.	340	S.		Repairing at navy-yard, Norfolk.
Iwana	192	do	S.	300	S.		Yard tug, Boston.
Leyden	450	do	I.	340	S.		Naval Station, Newport, R. I.
Narkeeta	192	do	S.	300	S.		Yard tug, New York.
Nina	357	do	I.	388	S.		Navy-yard, New York.
Rocket	187	do	W.	147	S.		Navy-yard, Boston.
Standish	450	do	I.	340	S.	1	Naval Academy, Annapolis, Md.
Traffic	280	do	W.		S.		Navy-yard, New York.
Triton	212	do	S.	300	S.		Yard tug, Washington.
Wahneta	192	do	S.	300	S.		Yard tug, Norfolk.
Unadilla	315	do	S.	500	S.		Yard tug, Mare Island.
Samoset	225	do	S.	450	S.		Key West.

SAILING SHIPS.

Monongahela	2,100		W.		Sails.	4	Naval Academy.
Constellation	1,186		W.		do	8	Stationary training ship, Newport.
Jamestown	1,150		W.		do		Transferred to Marine-Hospital Service.
Portsmouth	1,125		W.		do	12	Naval Militia, New Jersey.
Saratoga	1,025		W.		do		Public Marine School, Philadelphia.
St. Mary's	1,025		W.		do		Public Marine School, New York.

RECEIVING SHIPS.

Franklin	5,170		W.	1,050	S.	4	Receiving ship, Norfolk.
Wabash	4,650		W.	950	S.		Receiving ship, Boston.
Vermont	4,150		W.		Sails.		Receiving ship, New York.
Independence	3,270		W.		do	6	Receiving ship, Mare Island.
Pensacola	3,000		W.	680	S.		Do.
Richmond	2,700		W.	692	S.	2	Receiving ship, League Island.

UNSERVICEABLE.

New Hampshire	4,150	Sailing ship	W.		Sails.	6	Naval Militia, New York, N. Y.
Omaha	2,400	Cruiser	W.	953	S.		Transferred to Marine-Hospital Service.
Constitution	2,200		W.		Sails.	4	Navy-yard, Boston. *b*
Iroquois	1,575	Cruiser	W.	1,202	S.		Transferred to Marine-Hospital Service.
Nipsic	1,375	do	W.	839	S.	4	Puget Sound Naval Station. *b*
St. Louis	830	Sailing ship	W.		Sails.		Naval Militia, Pennsylvania.
Dale	675	do	W.		do		Naval Militia, Maryland.
Minnesota	4,700	Cruiser	W.	1,000	S.	9	Naval Militia, Massachusetts.
Marion	1,900	do	W.	1,100	S.	8	Naval Militia, San Diego, Cal.
Thetis	1,250	do	W.	530	S.		Navy-yard, Mare Island, Cal. *b*
Yantic	900	do	W.	310	S.	4	Naval Militia, Michigan.

a Torpedo tubes. *b* In ordinary.

UNDER CONSTRUCTION.

Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns (main battery).	Station or condition.
Kearsarge	11,525	1st class battle ship	S.	10,000	T. S.	22	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Kentucky	11,525	do	S.	10,000	T. S.	22	
Illinois	11,525	do	S.	10,000	T. S.	18	
Alabama	11,525	do	S.	10,000	T. S.	18	Building at Cramp & Sons, Philadelphia.
Wisconsin	11,525	do	S.	10,000	T. S.	18	Building at Union Iron Works, San Francisco, Cal.
Maine	12,500	do	S.	16,000	T. S.	20	Building at Wm. Cramp & Sons, Philadelphia, Pa.
Missouri	12,500	do	S.	16,000	T. S.	20	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Ohio	12,500	do	S.	16,000	T. S.	20	Building at Union Iron Works, San Francisco, Cal.
Plunger	168	Submarine torpedo boat.	S.	1,200	T. S.	2	Building at Columbian Iron Works and Dry Dock Co., Baltimore, Md., under contract with J. P. Holland Torpedo Boat Co.
Panacook	225	Tug	S.	450	S.	.....	Building at navy-yard, New York.
Pawtucket	225	do	S.	450	S.	.....	Building at navy-yard, Mare Island.
Chesapeake	1,175	Sailing ship	Comp	.....	Sails	6	Building at Bath Iron Works.
Gunboat No. 16	.....	Gunboat	S.	.....	.....	.....	Contract not yet awarded.
Arkansas	2,700	Monitor	S.	2,400	T. S.	6	Building at Newport News Ship Building and Dry Dock Co., Newport News, Va.
Connecticut	2,700	do	S.	2,400	T. S.	6	Building at Bath Iron Works, Bath, Me.
Florida	2,700	do	S.	2,400	T. S.	6	Building by Lewis Nixon, Elizabethport, N. J.
Wyoming	2,700	do	S.	2,400	T. S.	6	Building at Union Iron Works, San Francisco, Cal.
Bainbridge	420	Torpedo-boat destroyer.	S.	8,000	T. S.	*a* 2	Building at Neafie & Levy, Philadelphia, Pa.
Barry	420	do	S.	8,000	T. S.	*a* 2	Do.
Chauncey	420	do	S.	8,000	T. S.	*a* 2	Do.
Dale	420	do	S.	8,000	T. S.	*a* 2	Building at Wm. R. Trigg Co., Richmond, Va.
Decatur	420	do	S.	8,000	T. S.	*a* 2	Do.
Hopkins	408	do	S.	7,200	T. S.	*a* 2	Building at Harlan and Hollingsworth Co., Wilmington, Del.
Hull	408	do	S.	7,200	T. S.	*a* 2	Do.
Lawrence	435	do	S.	8,400	T. S.	*a* 2	Building at Fall River Engine Co., Weymouth, Mass.
Macdonough	435	do	S.	8,400	T. S.	*a* 2	Do.
Paul Jones	420	do	S.	7,000	T. S.	*a* 2	Building at Union Iron Works, San Francisco, Cal.
Perry	420	do	S.	7,000	T. S.	*a* 2	Do.
Preble	420	do	S.	7,000	T. S.	*a* 2	Do.
Stewart	420	do	S.	8,000	T. S.	*a* 2	Building at Gas Engine and Power Co. and Chas. L. Seabury & Co. Consolidated, Morris Heights, N. Y.
Truxtun	433	do	S.	8,300	T. S.	*a* 2	Building at Maryland Steel Works, Sparrow Point, Md.
Whipple	433	do	S.	8,300	T. S.	*a* 2	Do.
Worden	433	do	S.	8,300	T. S.	*a* 2	Do.

NOTE: Torpedo boats under construction are shown under head of "Torpedo Boats," pages 154 and 155.

CRUISERS AND YACHTS.

No.	Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns.	Station.
403	Aileen	192	Yacht	S.	500	S. S.	*c* 5	Loaned to New York
.....	Alvarado	100	Cruiser	.....	.....	.....	.....	North Atlantic Station.
.....	Arethusa	1,357	do	.....	.....	.....	.....	Do.
413	Badger	4,784	do	S.	3,200	S.	*b* 6 *c* 6	Pacific Station
.....	Barcelo	.....	do	.....	.....	.....	.....	Asiatic Station.
417	Buffalo	6,888	do	S.	3,600	S.	*b* 6 *c* 8	Do.
.....	Callao	.....	do	.....	250	T. S.	*b* 4	Do.
.....	Culgoa	.....	Supply ship	.....	.....	.....	.....	Do.

a Torpedo tubes. *b* Main battery guns. *c* Secondary battery guns.

No.	Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns.	Station.
434	Dixie	6,114	Cruiser	S.	3,800	S.	*a* 10	In reserve, League Island.
.....	Don Juan de Austria	.....	do	.....	.....	.....	.....	Asiatic Station.
435	Dorothea	594	Yacht	S.	1,558	S. S.	*b* 10	Navy-yard, Norfolk.
440	Eagle	434	do	S.	850	S. S.	*b* 6	Special service.
443	Elfrida	*c* 173	do	S.	200	S. S.	*b* 2	Loaned to New Jersey.
442	Enquirer	136	do	S.	1,035	S. S.	*b* 2	Loaned to N. J. militia.
449	Frolic	607	do	S.	550	S. S.	*b* 4	Navy-yard, Norfolk.
453	Gloucester	786	do	S.	2,000	S. S.	*b* 10	Naval Acad., Annapolis, Md.
463	Hawk	375	do	S.	1,000	S. S.	*b* 4	Navy-yard, Norfolk.
469	Hist	472	do	S.	500	S. S.	*b* 6	North Atlantic Station.
471	Hornet	425	do	S.	800	S. S.	*b* 9	Loaned to North Carolina.
472	Huntress	82	do	Comp	.....	S. S.	*b* 2	Loaned to New Jersey.
477	Inca	.....	do	W.	400	S. S.	*b* 2	Loaned to Massachusetts.
.....	Isla de Luzon	.....	Cruiser	.....	.....	.....	.....	Asiatic Station.
.....	Isla de Cuba	*c* 175	do	.....	.....	.....	.....	Do.
480	Kanawha	.....	Yacht	Comp	.....	S. S.	*b* 6	Loaned to Rhode Island.
.....	Leyte	.....	Cruiser	.....	.....	.....	.....	Asiatic Station.
.....	Mindanao	.....	do	.....	.....	.....	.....	Do.
.....	Manila	.....	do	.....	.....	.....	2	Do.
518	Oneida	150	Yacht	S.	350	S. S.	*b* 6	Navy-yard, Norfolk.
523	Panther	4,260	Cruiser	I.	.....	S. S.	*a* 10 *b* 8	Station-ship, San Juan, P. R.
527	Peoria	488	do	S.	.....	S. S.	*b* 7	Special service.
537	Prairie	6,872	do	I.	3,800	S.	*a* 10	In reserve, League Island.
539	Restless	137	Yacht	I.	500	S. S.	*b* 8	Navy-yard, New York.
.....	Sandoval	100	.....	.....	137	S. S.	2	North Atlantic Station.
546	Scorpion	850	Yacht	S.	2,800	T. S.	*b* 8	Do.
.....	Shearwater	.....	do	S.	.....	.....	*b* 3	Loaned to Pennsylvania.
561	Siren	*c* 315	do	S.	.....	S. S.	*b* 4	Navy-yard, Norfolk.
558	Stranger	*c* 546	Yacht	I.	.....	S. S.	*b* 5	Loaned to Louisiana.
565	Sylph	152	do	S.	550	S. S.	*b* 8	Special service.
562	Sylvia	*c* 302	do	I.	.....	S. S.	*b* 6	Loaned to Maryland.
576	Viking	218	do	I.	420	S. S.	*b* 4	Navy-yard, Norfolk.
578	Vixen	806	do	S.	1,250	S. S.	*b* 8	Special service.
580	Wasp	630	do	S.	1,800	S. S.	*b* 6	Loaned to Florida.
592	Yankee	6,888	Cruiser	S.	3,800	S. S.	*a* 10	In reserve, League Island.
593	Yankton	975	Yacht	S.	750	S. S.	*b* 8	Unassigned.
596	Yosemite	6,179	Cruiser	S.	3,800	S. S.	*a* 10	Asiatic Station.

STEAMERS AND COLLIERS.

410	Arctic	1,358	Refrigerator ship	.....	.....	.....	*b* 3	Philadelphia.
400	Abarenda	4,670	Collier	S.	1,050	S. S.	*b* 4	Unassigned.
407	Alexander	6,181	do	S.	1,026	S. S.	*b* 2	Navy-yard, Norfolk.
415	Brutus	.....	do	S.	1,200	S. S.	*b* 2	Asiatic Station.
418	Cæsar	5,016	do	.....	1,500	S. S.	*b* 4	San Juan, P. R.
420	Cassius	.....	do	S.	.....	.....	*b* 2	Navy-yard, Norfolk.
421	Celtic	6,428	Supply ship	S.	1,890	S. S.	.....	Special-service Squadron.
433	Glacier	.....	Refrigerator ship	S.	.....	.....	*a* 3	Special service.
441	East Boston	631	Ferryboat	W.	550	.....	*a* 2 *b* 2	Navy-yard, Boston.
454	Governor Russell	631	do	W.	500	.....	*a* 1	Navy-yard, Norfolk.
459	Hannibal	4,291	Collier	S.	1,100	S. S.	*b* 2	Do.
.....	Hector	.....	Steamer	.....	.....	.....	*b* 2	Navy-yard, Boston.
474	Iris	6,100	Distilling ship	S.	1,300	S. S.	.....	Special-service Squadron.
479	Justin	3,300	Collier	S.	.....	S. S.	*b* 2	Do.
481	Lebanon	*c* 3,375	do	I.	.....	S. S.	*b* 4	Navy-yard, League Island.
482	Leonidas	4,292	do	S.	1,000	S. S.	*b* 2	Do.
492	Marcellus	.....	Steamer	I.	1,200	.....	*b* 2	North Atlantic Station.
505	Nanshan	*c* 4,827	Collier	S.	.....	.....	.....	Asiatic Station.
509	Nero	4,925	do	S.	1,000	S. S.	*b* 4	Unassigned.
512	Niagara	*c* 5,221	do	I.	.....	S. S.	*b* 2	Navy-yard, New York.
532	Pompey	*c* 3,085	Collier	S.	.....	S. S.	*b* 2	Navy-yard, League Island.
.....	Rainbow	6,206	Distilling ship	S.	1,800	S. S.	.....	Navy-yard, New York.
540	Resolute	4,175	Transport	S.	.....	S. S.	*b* 2	North Atlantic Station.
545	Saturn	*c* 6,220	Collier	S.	1,500	S. S.	*b* 2	Navy-yard, Norfolk.
547	Scindia	*c* 7,500	do	S.	3,000	S. S.	*b* 2	Special-Service Squadron.
555	Scipio	6,864	do	S.	2,422	S. S.	.....	Navy-yard, New York.
550	Solace	*a* 4,700	Steamer	S.	3,200	S. S.	.....	Special service.
551	Southery	*c* 3,100	Collier	S.	.....	S. S.	*b* 2	Navy-yard, Norfolk.
554	Sterling	5,663	do	I.	926	S. S.	*b* 2	Unassigned.
559	Supply	4,460	Supply ship	I.	1,069	S. S.	*a* 2	Special service.
579	Vulcan	*c* 3,530	Steamer	I.	.....	S. S.	*b* 2	Navy-yard, League Island.
599	Zafiro	.....	Supply ship	S.	.....	.....	.....	Asiatic Station.

a Main battery guns. *b* Secondary battery guns. *c* Estimated. *d* Torpedo tubes.

TUGS.

No.	Name.	Displacement (tons).	Type.	Hull.	I. H. P.	Propulsion.	Guns.	Station.
402	Accomac	187	Tug	I.	250	S. S.	*a* 2	Havana Station, Cuba.
401	Active	296	do	S.	600	S. S.	*a* 5	Puget Sound Naval Station.
406	Alice	356	do	W.	250	S. S.	*b* 2 *a* 4	Navy-yard, Norfolk.
408	Apache	650	do	W.	550	S. S.	*a* 3	Do.
422	Cheyenne		do	W.				Port Royal, S. C.
423	Chickasaw		do	I.		S. S.	*b* 1	Do.
424	Choctaw		do	I.	188	S. S.	*a* 3	Navy-yard, Pensacola.
467	Hercules	*c* 198	do	I.		S. S.	*a* 3	Key West, Fla.
475	Iroquois	702	do	S.	1,000	S. S.	*a* 3	Mare Island.
488	Massasoit	202	do	S.		S. S.	*a* 1	Key West.
499	Modoc	241	do	I.		S. S.		League Island, Pa.
500	Mohawk	420	do	S.	400	S. S.		Navy-yard, Norfolk.
510	Nezinscot	156	do	S.	400	S. S.	*a* 2	Key West.
520	Osceola	571	do	S.		S. S.	*a* 2	Navy-yard, Boston.
526	Pawnee	275	do	W.	250	S. S.		New York.
530	Piscataqua	*c* 631	do	S.		S. S.	*a* 4	Portsmouth, N. H
534	Pontiac	*c* 401	do			S. S.	*a* 3	Boston.
535	Potomac	677	do	S.	2,000	S. S.	*a* 4	Portsmouth, N. H.
536	Powhatan	*c* 194	do	S.	397	S. S.	*a* 2	Navy-yard, Pensacola.
548	Seminole		do	I.		S. S.	*a* 3	Navy-yard, Boston.
549	Sioux	155	do		290	S. S.	*a* 2	Navy-yard, Norfolk.
563	Tacoma		do	S.		S. S.	*a* 1	Navy-yard, Pensacola.
564	Tecumseh	214	do	S.	500	S. S.	*a* 2	Navy-yard, Washington.
573	Uncas	441	do	S.	750	S. S.	*a* 2	League Island, Pa.
577	Vigilant	300	do		450	S. S.	*a* 5	Mare Island.
582	Waban		do	I.			*b* 1	Port Royal, S. C.
586	Wompatuck	462	do	I.	650	S. S.	*a* 2	Navy-yard, New York.

a Secondary battery guns. *b* Main battery guns. *c* Estimated.

NAVY PAY TABLE.

Rank.	At sea.	On shore duty.	On leave or waiting orders.
REAR-ADMIRALS	$6,000	$5,000	$4,000
COMMODORES	5,000	4,000	3,000
CAPTAINS	4,500	3,500	2,800
COMMANDERS	3,500	3,000	2,300
LIEUTENANT-COMMANDERS—			
First four years after date of commission	2,800	2,400	2,000
After four years from date of commission	3,000	2,600	2,200
LIEUTENANTS—			
First five years after date of commission	2,400	2,000	1,600
After five years from date of commission	2,600	2,200	1,800
LIEUTENANTS (Junior Grade)—			
First five years after date of commission	1,800	1,500	1,200
After five years from date of commission	2,000	1,700	1,400
ENSIGNS—			
First five years after date of commission	1,200	1,000	800
After five years from date of commission	1,400	1,200	1,000
NAVAL CADETS*	500	500	500
MATES	†900	†700	†500
MEDICAL AND PAY DIRECTORS AND MEDICAL AND PAY INSPECTORS AND CHIEF ENGINEERS, HAVING THE SAME RANK, AT SEA	4,400	.....	.....
FLEET SURGEONS, FLEET PAYMASTERS, AND FLEET ENGINEERS	4,400	.....	.....
SURGEONS, PAYMASTERS, AND CHIEF ENGINEERS—			
First five years after date of commission	2,800	2,400	2,000
Second five years after date of commission	3,200	2,800	2,400
Third five years after date of commission	3,500	3,200	2,600
Fourth five years after date of commission	3,700	3,600	2,800
After twenty years from date of commission	4,200	4,000	3,000
PASSED ASSISTANT SURGEONS AND PASSED ASSISTANT PAYMASTERS—			
First five years after date of appointment	2,000	1,800	1,500
After five years from date of appointment	2,200	2,000	1,700
PASSED ASSISTANT ENGINEERS—			
First five years after date of appointment	2,000	1,800	1,500
Second five years after date of appointment	2,200	2,000	1,700
Third five years after date of appointment	2,450	2,250	1,900
Fourth five years after date of appointment	2,700	2,350	1,950
ASSISTANT SURGEONS, ASSISTANT PAYMASTERS, AND ASSISTANT ENGINEERS—			
First five years after date of appointment	1,700	1,400	1,000
After five years from date of appointment	1,900	1,600	1,200
NAVAL CONSTRUCTORS—			
First five years after date of appointment	.....	3,200	2,200
Second five years after date of appointment	.....	3,400	2,400
Third five years after date of appointment	.....	3,700	2,700
Fourth five years after date of appointment	.....	4,000	3,000
After twenty years from date of appointment	.....	4,200	3,200
ASSISTANT NAVAL CONSTRUCTORS—			
First four years after date of appointment	.....	2,000	1,500
Second four years after date of appointment	.....	2,200	1,700
After eight years from date of appointment	.....	2,600	1,900
CHAPLAINS—			
First five years after date of commission	2,500	2,000	1,600
After five years from date of commission	2,800	2,300	1,900
PROFESSORS OF MATHEMATICS AND CIVIL ENGINEERS—			
First five years after date of appointment	2,400	2,400	1,500
Second five years after date of appointment	2,700	2,700	1,800
Third five years after date of appointment	3,000	3,000	2,100
After fifteen years from date of appointment	3,500	3,500	2,600
BOATSWAINS, GUNNERS, CARPENTERS, SAILMAKERS, AND PHARMACISTS—			
First three years after date of appointment	1,200	900	700
Second three years after date of appointment	1,300	1,000	800
Third three years after date of appointment	1,400	1,300	900
Fourth three years after date of appointment	1,600	1,300	1,000
After twelve years from date of appointment	1,800	1,600	1,200

* Naval Cadets *at sea*, in other than practice ships, $950 per annum.

† Mates who were in the service August 1, 1894, are entitled to receive annual pay at the rates following: At sea, $1,200; on shore duty, $900; on leave or waiting orders, $700. (Act August 1, 1894.)

Rank.	Pay per annum.
SECRETARY—	
To Naval Academy	$1,800
CLERKS—	
First clerk to Commandants of navy-yards	1,500
Second clerk to Commandants of navy-yards	1,200
To Commandant at navy-yard, Mare Island	1,800
To Commandants of naval stations	1,500
CLERKS TO PAYMASTERS—	
At navy-yard, Mare Island	1,800
At navy-yards, Boston, New York, League Island, and Washington	1,600
At navy-yards, Portsmouth, Norfolk, and Pensacola	1,400
At other stations	1,300
At receiving-ships, Boston, New York, and League Island	1,600
At receiving-ship, Mare Island	1,800
At other receiving-ships, on vessels of the first rate, at the Naval Academy, and at the Naval Home	1,300
On vessels of the second rate and to fleet paymasters	1,100
On vessels of the third rate and supply vessels and storeships	1,000
To Inspectors in charge of provisions and clothing at navy-yards, Boston, New York, League Island, and Washington	1,600
At other inspections	1,300

☞ NOTE.—From and after July 1, 1870, the spirit ration is totally abolished, and in lieu thereof the Navy ration, under the appropriation of provisions for the Navy, is 30 cents per day.

Provided, That no officer on the retired list of the Navy shall be employed on active duty except in time of war: *And provided*, That those officers on the retired list, and those hereafter retired, who were, or who may be, retired after forty years' service, or on attaining the age of sixty-two years, in conformity with section one of the act of December, eighteen hundred and sixty-one, and its amendments dated June twenty-fifth, eighteen hundred and sixty-four, or those who were or may be retired from incapacity resulting from long and faithful service, from wounds or injuries received in the line of duty, from sickness or exposure therein, shall, after the passage of this act, be entitled to seventy-five per centum of the present sea pay of the grade or rank which they held at the time of their retirement. The rear-admirals provided for in the act of June fifth, eighteen hundred and seventy-two, shall be considered as having been retired as rear-admirals. [Act 3d March, 1873.]

PETTY OFFICERS, ENLISTED MEN, ETC.

CLASSIFICATION AND PAY.

Chief petty officers.

Seaman branch.	Monthly pay.	Artificer branch.	Monthly pay.	Special branch.	Monthly pay.
Chief Masters-at-Arms	$65	Chief Machinists	$70	Chief Yeomen	$60
Chief Boatswains' Mates	50	Chief Carpenters' Mates	50	Hospital Stewards	60
Chief Gunners' Mates	50	Chief Electricians	50	Bandmasters	52
Chief Gun Captains	50				
Chief Quartermasters	50				

Petty officers, first class.

Masters-at-Arms, first class	$40	Machinists, first class	$55	First Musicians	$36
Boatswains' Mates, first class	40	Boilermakers	60	Yeomen, first class	40
Gunners' Mates, first class	40	Coppersmiths	50		
Gun Captains, first class	40	Blacksmiths	50		
Quartermasters, first class	40	Plumbers and Fitters	45		
		Sailmakers' Mates	40		
		Carpenters' Mates, first class	40		
		Water Tenders	40		
		Electricians, first class	40		

Petty officers, second class.

Masters-at-Arms, second class	$35	Machinists, second class	$40	Yeomen, second class	$35
Boatswains' Mates, second class	35	Oilers	37		
Gunners' Mates, second class	35	Carpenters' Mates, second class	35		
Gun Captains, second class	35	Printers	35		
Quartermasters, second class	35	Electricians, second class	35		

PETTY OFFICERS, ENLISTED MEN, ETC.—Continued.

CLASSIFICATION AND PAY—Continued.

Petty officers, third class.

Seaman branch.	Monthly pay.	Artificer branch.	Monthly pay.	Special branch.	Monthly pay.
Masters-at-Arms, 3d class	$30	Carpenters' Mates, 3d class	$30	Yeomen, 3d class	$30
Cockswains (1)	30	Painters	.30	Hospital Apprentices, 1st class	30
Gunners' Mates, 3d class	30				
Quartermasters, 3d class	30				

Seamen, first class.

Seamen Gunners	$26	Firemen, 1st class	$35	Musicians, 1st class	$32
Seamen	24				
Apprentices, 1st class	21				

Seamen, second class.

Ordinary Seamen	$19	Firemen, 2d class	$30	Musicians, 2d class	$30
Apprentices, 2d class	15	Shipwrights	25	Buglers	30
		Sailmakers	25	Hospital Apprentices	20

Seamen, third class.

Landsmen	$16	Coal Passers	$22		
Apprentices, 3d class	9				

MESSMEN BRANCH.

Stewards to Commanders-in-Chief	$45	Steerage Cooks	$22
Cooks to Commanders-in-Chief	40	Warrant Officers' Stewards	24
Stewards to Commandants	45	Warrant Officers' Cooks	20
Cooks to Commandants	40	Ship's Cooks, 1st class	35
Cabin Stewards	37	Ship's Cooks, 2d class	30
Cabin Cooks	32	Ship's Cooks, 3d class	25
Wardroom Stewards	37	Ship's Cooks, 4th class	20
Wardroom Cooks	32	Mess Attendants	16
Steerage Stewards	25		

(1) Cockswains detailed as Cockswains of boats propelled by machinery, or as Cockswains to Commanders-in-Chief, shall receive $5 per month in addition to their pay.

(2) Seamen in charge of holds shall receive $5 per month in addition to their pay.

(3) Landsmen assigned to duty as Jacks-of-the-Dust, or as Lamplighters, shall receive $5 per month in addition to their pay.

(4) Any person who, after having enlisted in the Navy for a term of three years and received an honorable discharge or a recommendation for reenlistment, upon the expiration of his term of service, reenlists for three years within three months from the date of his discharge, shall receive an increase of $1 per month to the pay prescribed for the rating in which he serves for each consecutive reenlistment.

Twenty cents per month is deducted from the pay due each Officer, Seaman, and Marine in the Navy, to be applied to the fund for Naval Hospitals.

MARINE CORPS PAY TABLE.

Rank.	Pay per annum.
COLONEL COMMANDANT	$3,500
COLONEL	3,500
LIEUTENANT-COLONEL	3,000
MAJOR (Staff and Line)	2,500
CAPTAIN AND ASSISTANT QUARTERMASTER	2,000
CAPTAIN	1,800
FIRST LIEUTENANT	1,500
SECOND LIEUTENANT	1,400

NOTE.—All officers below the rank of Brigadier-General are entitled to 10 per cent, in addition to their current yearly pay as given above, for each and every period of five years' service, provided the total amount of such increase shall not exceed 40 per cent of their current yearly pay; and provided further, that the pay of a Colonel shall not exceed $4,500 per annum, and that of a Lieutenant-Colonel $4,000 per annum. Officers on the retired list are entitled to 75 per cent of pay (salary and increase) of their rank.

NONCOMMISSIONED OFFICERS, MUSICIANS, AND PRIVATES.

Grade.	First enlistment or first 5 years.					First reenlistment or second 5 years.	Second reenlistment or third 5 years.	Third reenlistment or fourth 5 years.	Fourth reenlistment or fifth 5 years.	Class 3.
	First year.	Second year.	Third year.	Fourth year.	Fifth year.					
Sergeant-major	$23	$23	$24	$25	$26	$28	$29	$30	$31	$26
Quartermaster-sergeant	23	23	24	25	26	28	29	30	31	26
Drum major	25	25	26	27	28	30	31	32	33	28
First sergeant	25	25	26	27	28	30	31	32	33	28
Sergeant	18	18	19	20	21	23	24	25	26	21
Corporal	15	15	16	17	18	20	21	22	23	18
Drummer and fifer	13	13	14	15	16	18	19	20	21	16
Private	13	13	14	15	16	18	19	20	21	16
Leader of the band	90	90	90	90	90	90	90	90	90	90
Musician, first-class	34	34	35	36	37	39	40	41	42	37
Musician, second-class	20	20	21	22	23	25	26	27	28	23
Musician, third-class	17	17	18	19	20	22	23	24	25	20

NOTE.—"Class 3 is the term used to designate pay of men who have ever received reenlisted pay under the act of August 4, 1854, but have allowed a longer period than three months to elapse before again enlisting. The amount is the same as that received by a man serving in the fifth year of a first enlistment."

Twenty (20) cents per month will continue to be deducted from the above rates, as usual, for the Navy Hospital Fund.

Members of the Marine Band are allowed $4 per month in addition to rates of pay as given above for playing at the White House and Public Grounds, under the provisions of the act of Congress of August 18, 1856.

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